

4.0L Gasoline Engine , CTGB,CTGE

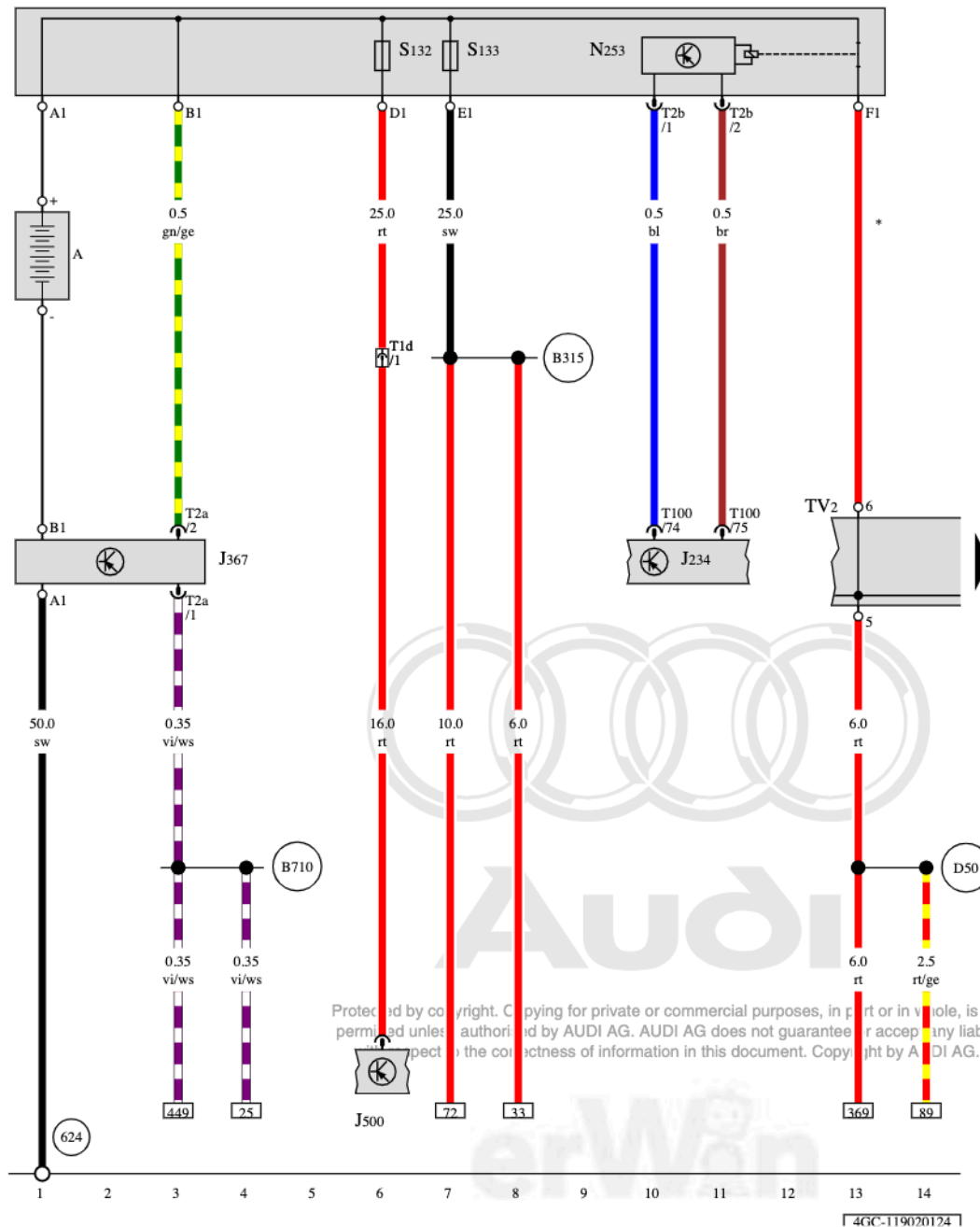
From October 2014



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Battery, Battery Monitoring Control Module, Battery Interrupt Igniter, Terminal 30 Wire Junction



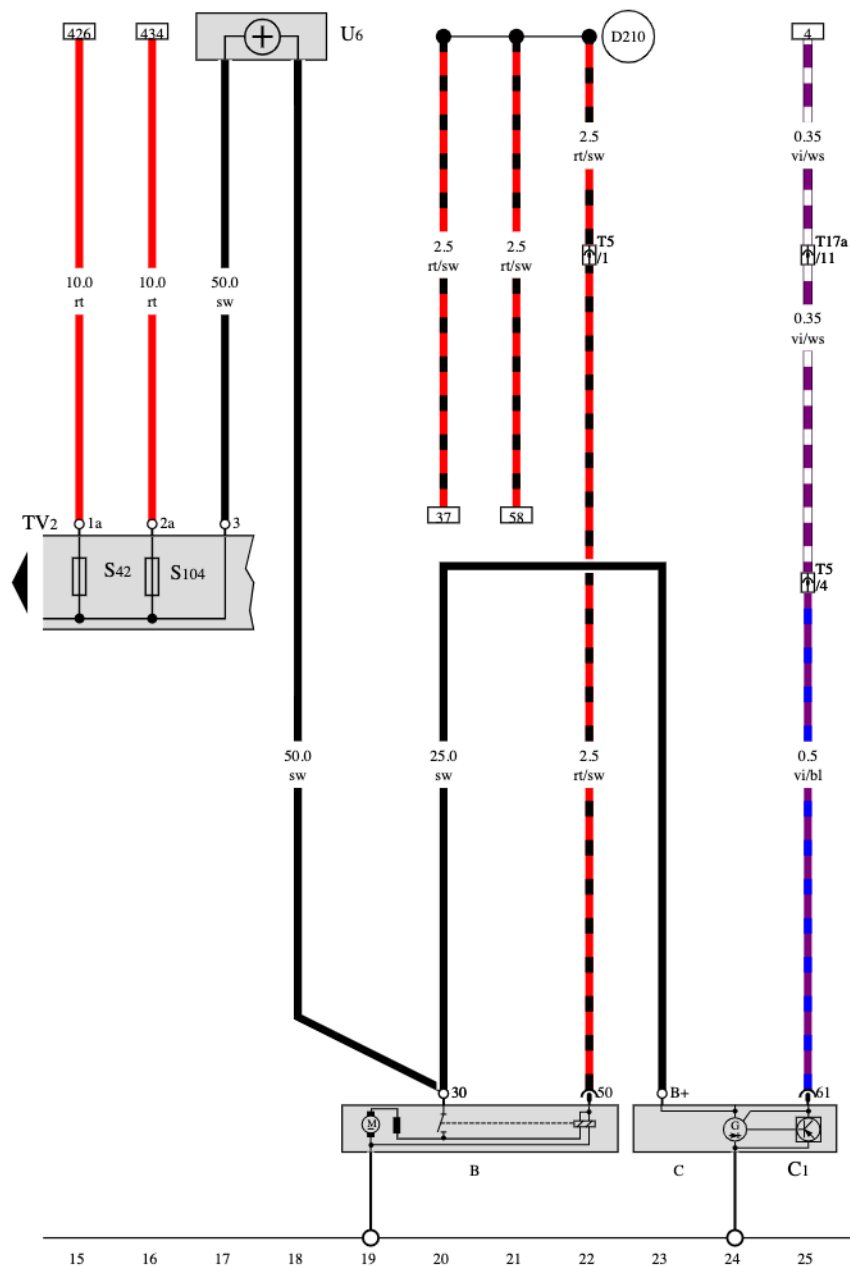
- A Battery
- J234 Airbag Control Module
- J367 Battery Monitoring Control Module
- J500 Power Steering Control Module
- N253 Battery Interrupt Igniter, Near the Battery
- S132 Safety Fuse 2
- S133 Safety Fuse 3
- T1d 1-Pin Connector, On the Left Front of the Vehicle Floor, Black
- T2a 2-Pin Connector
- T2b 2-Pin Connector, Yellow
- TV2 Terminal 30 Wire Junction
- T100 100-Pin Connector
- 624 Ground Connection near Starter Battery
- B315 Positive Connection 1 (30a) (in Main Wiring Harness)
- B710 LIN Bus Connection 5 (in Main Wiring Harness)
- D50 Positive Connection (30) (in Engine/Motor Compartment Wiring Harness)
- * Flat Conductor

ws = white
 sw = black
 ro = red
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 li = lilac
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 or = orange
 rs = pink

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4GC-119020124

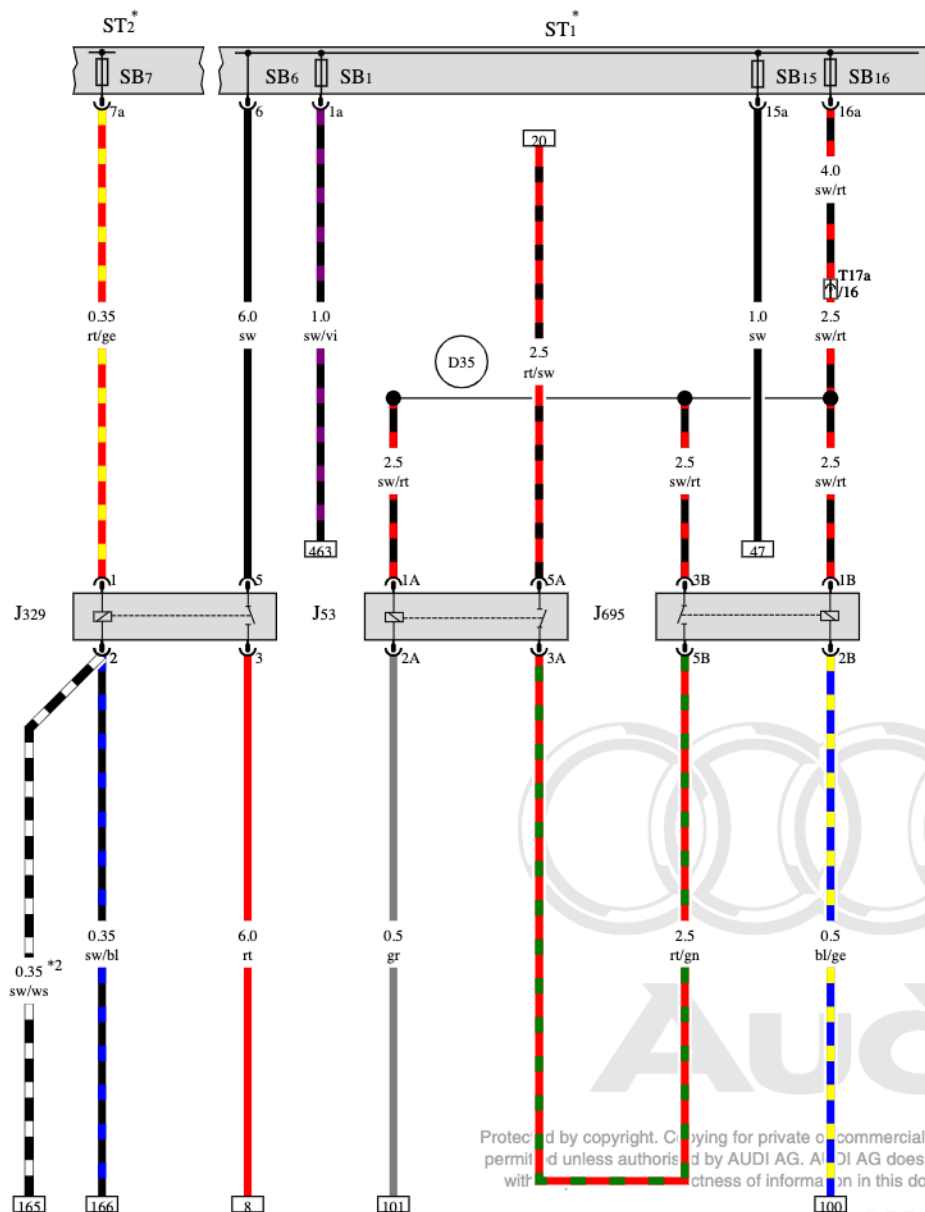
Starter, Generator, Terminal 30 Wire Junction



- B Starter
- C Generator
- C1 Voltage Regulator
- S42 Radiator Fan Fuse
- S104 Radiator Fan Second Speed Fuse
- TV2 Terminal 30 Wire Junction
- T5 5-Pin Connector, In the Center Plenum Chamber, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- U6 Battery Jump Start Terminal
- D210 Connection 50 (in Engine/Motor Compartment Wiring Harness)

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Starter Relay, Terminal 15 Power Supply Relay, Starter Relay 2

- J53 Starter Relay
- J329 Terminal 15 Power Supply Relay
- J695 Starter Relay 2
- ST1 Fuse Panel 1
- SB1 Fuse 1 (On Fuse Panel B)
- ST2 Fuse Panel 2
- SB6 Fuse 6 (On Fuse Panel B)
- SB7 Fuse 7 (On Fuse Panel B)
- SB15 Fuse 15 (On Fuse Panel B)
- SB16 Fuse 16 (On Fuse Panel B)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White

D35 Positive Connection 1 (15a) (in Engine Pre-Wiring Harness)

* Refer to Applicable Wiring Diagram for Fuse Positions
 *2 For RHD Vehicles

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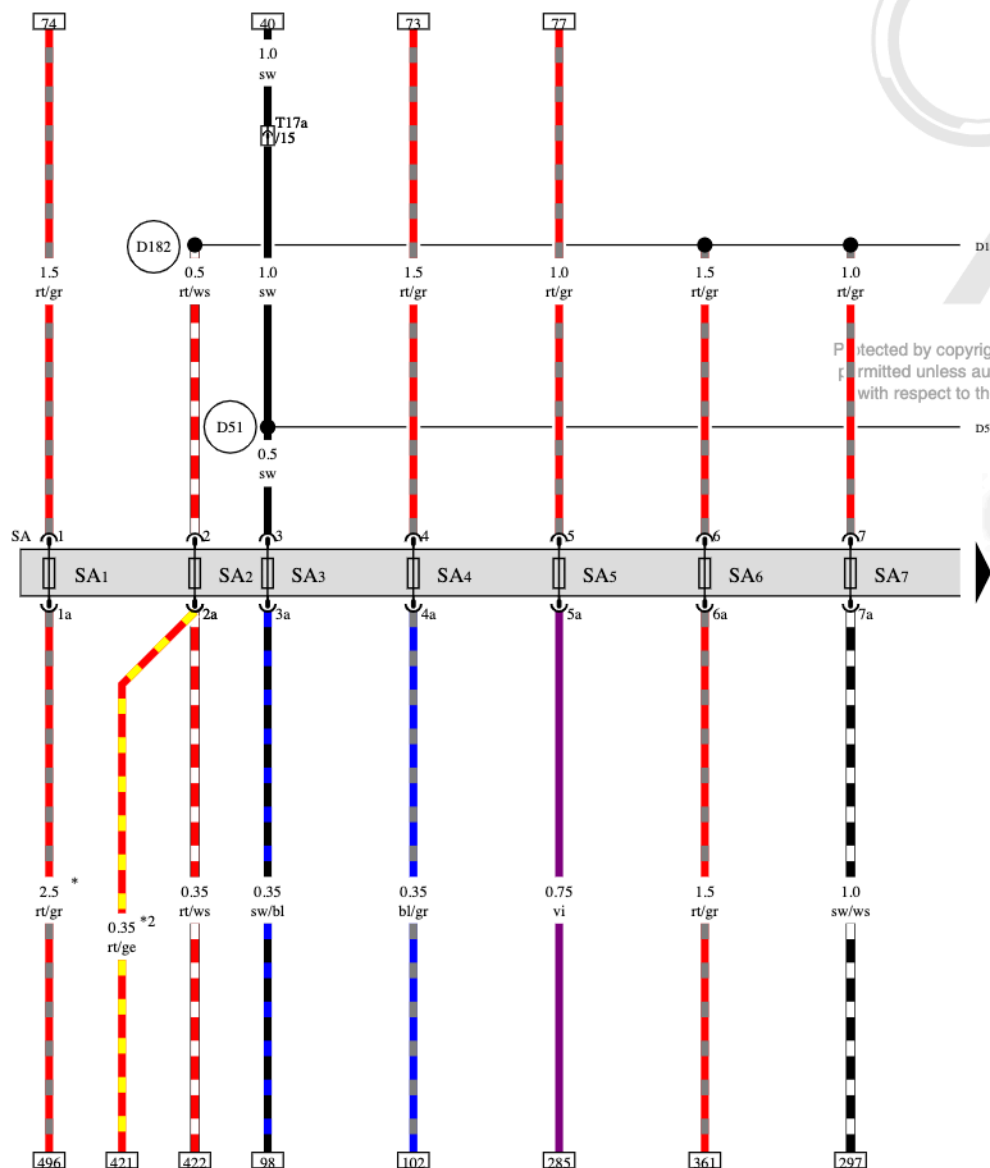
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29 30 31 32 33 34 35 36 37 38 39 40 41 42

4GC-119040124

Fuse Panel A

- SA Fuse Panel A
- SA1 Fuse 1 (On Fuse Panel A)
- SA2 Fuse 2 (On Fuse Panel A)
- SA3 Fuse 3 (On Fuse Panel A)
- SA4 Fuse 4 (On Fuse Panel A)
- SA5 Fuse 5 (On Fuse Panel A)
- SA6 Fuse 6 (On Fuse Panel A)
- SA7 Fuse 7 (On Fuse Panel A)
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
- D182 Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)
- * Diameter Depends on Equipment Running Change

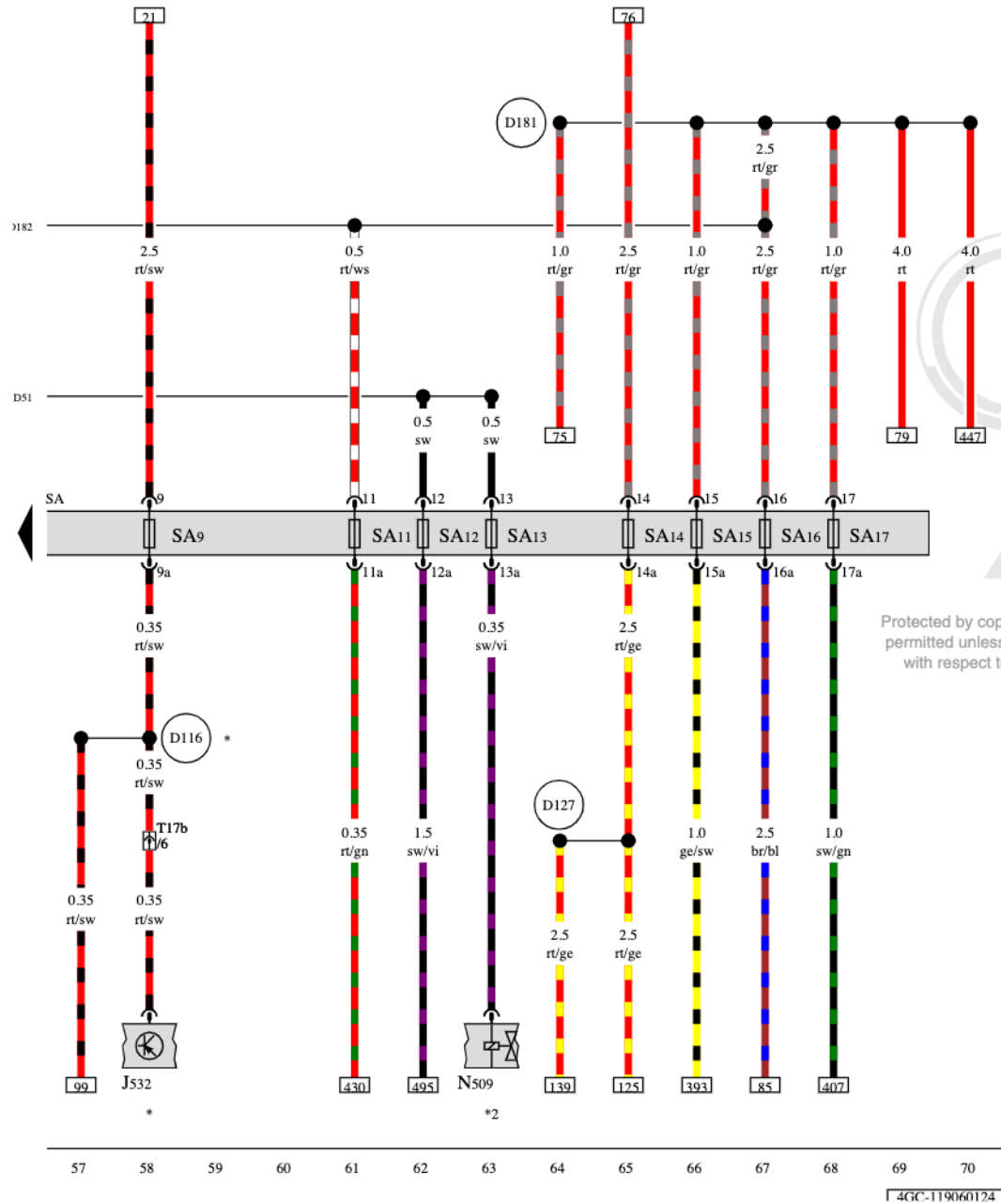


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Fuse Panel A

- J532 Voltage Stabilizer
- N509 Transmission Fluid Cooling Valve
- SA Fuse Panel A
- SA9 Fuse 9 (On Fuse Panel A)
- SA11 Fuse 11 (On Fuse Panel A)
- SA12 Fuse 12 (On Fuse Panel A)
- SA13 Fuse 13 (On Fuse Panel A)
- SA14 Fuse 14 (On Fuse Panel A)
- SA15 Fuse 15 (On Fuse Panel A)
- SA16 Fuse 16 (On Fuse Panel A)
- SA17 Fuse 17 (On Fuse Panel A)
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- D51 Positive Connection 1 (15) (in Engine/Motor Compartment Wiring Harness)
- D116 Connection 14 (in Engine/Motor Compartment Wiring Harness)
- D127 Connection 25 (in Engine/Motor Compartment Wiring Harness)
- D181 Connection 2 (87A) (in Engine/Motor Compartment Wiring Harness)
- D182 Connection 3 (87A) (in Engine/Motor Compartment Wiring Harness)

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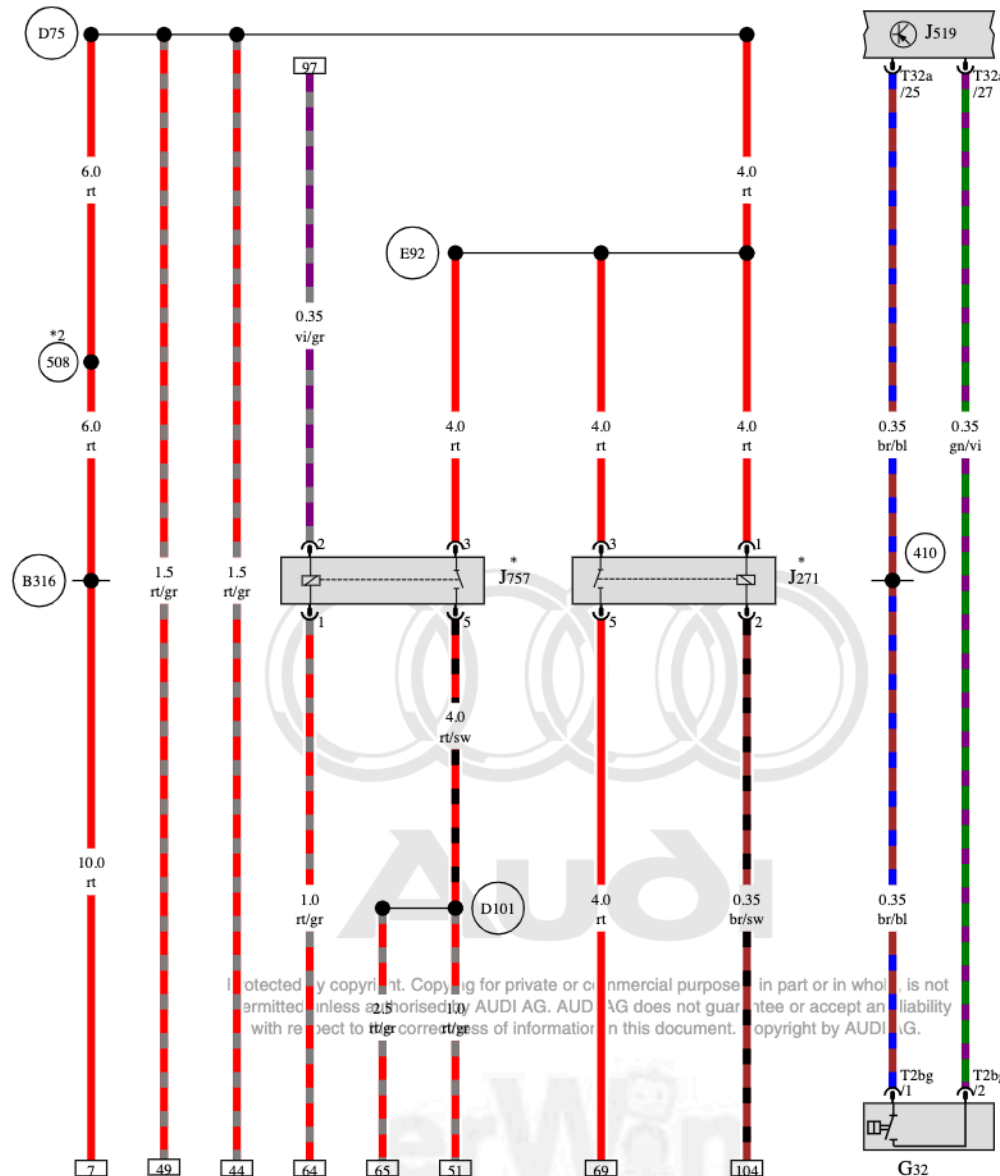


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Engine Coolant Level Sensor, Motronic Engine Control Module Power Supply Relay, Vehicle Electrical System Control Module, Engine Component Power Supply Relay

- G32 Engine Coolant Level Sensor
- J271 Motronic Engine Control Module Power Supply Relay
- J519 Vehicle Electrical System Control Module
- J757 Engine Component Power Supply Relay
- T2bg 2-Pin Connector
- T32a 32-Pin Connector

- 410 Sensor Ground Connection 1 (in Main Wiring Harness)
- 508 Terminal 30 Threaded Connection (On E-Box)
- B316 Positive Connection 2 (30a) (in Main Wiring Harness)
- D75 Positive Connection 2 (30) (in Engine/Motor Compartment Wiring Harness)
- D101 Connection 1 (in Engine/Motor Compartment Wiring Harness)
- E92 Positive Connection 3 (30) (in Engine/Motor Compartment Wiring Harness)
- * Relay and Fuse Panel in the Plenum Chamber E-Box
- *2 Threaded Connection in the Plenum Chamber E-Box

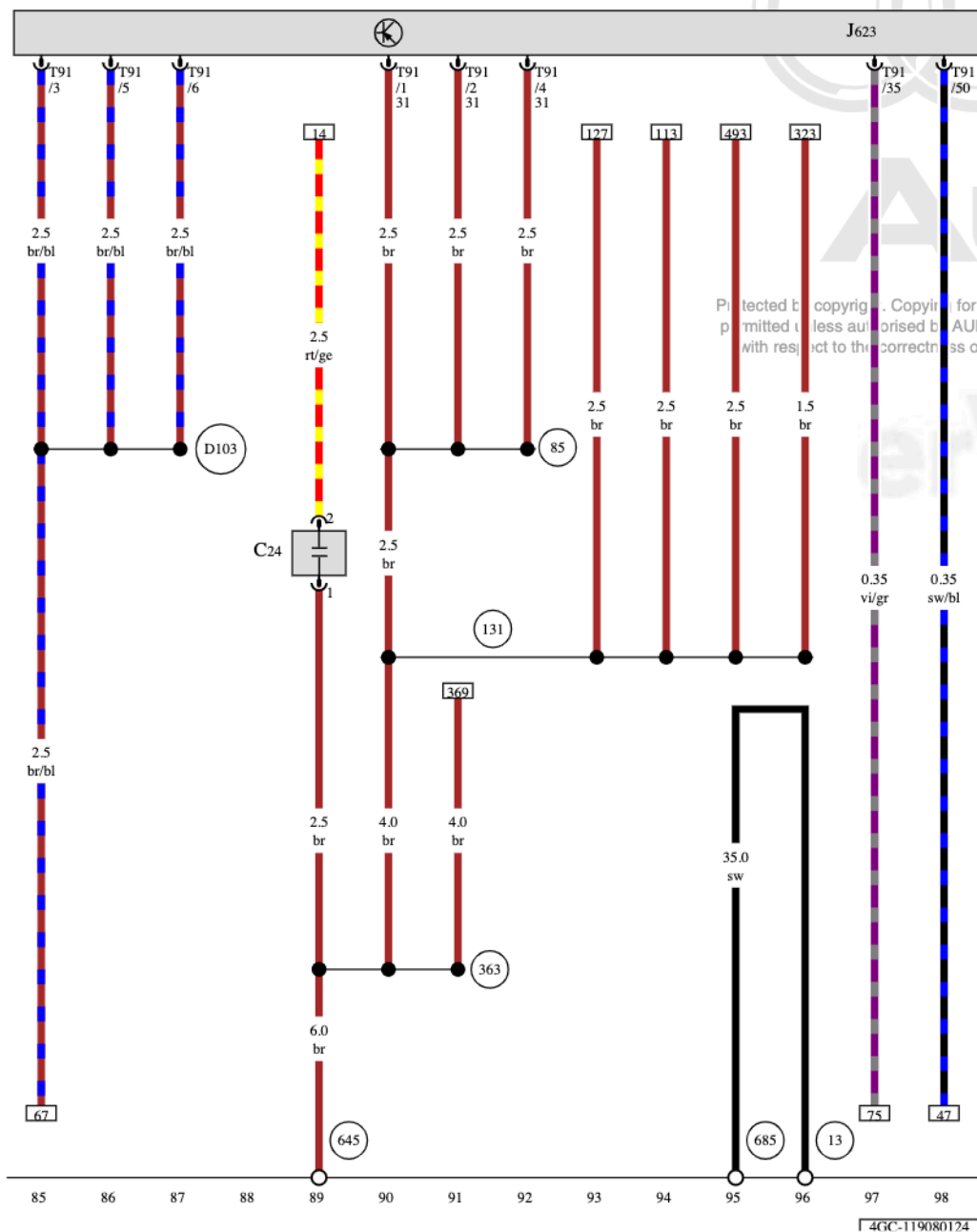


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Suppressor, Engine/Motor Control Module

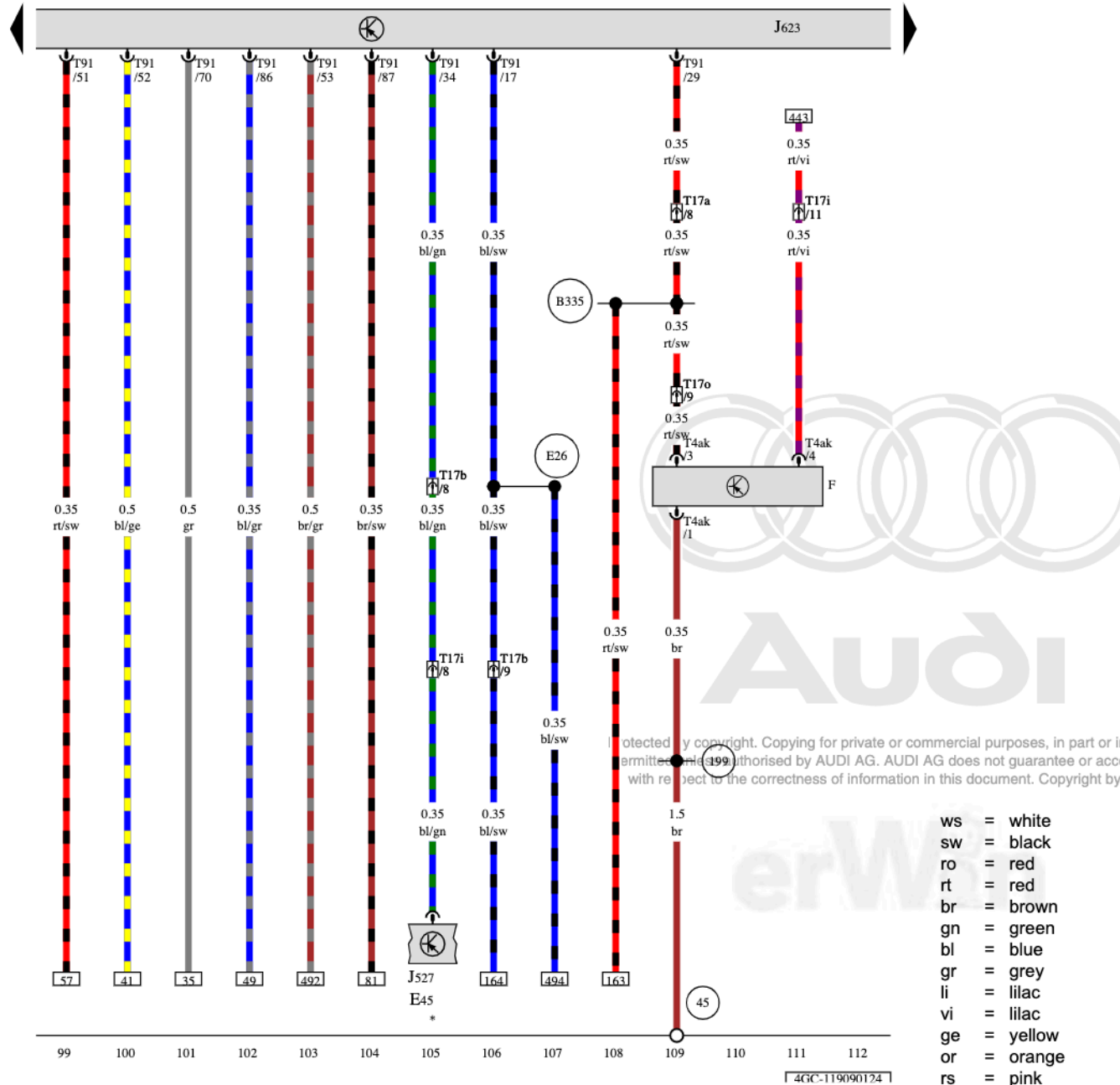
C24 Suppressor
J623 Engine/Motor Control Module
T91 91-Pin Connector, Black

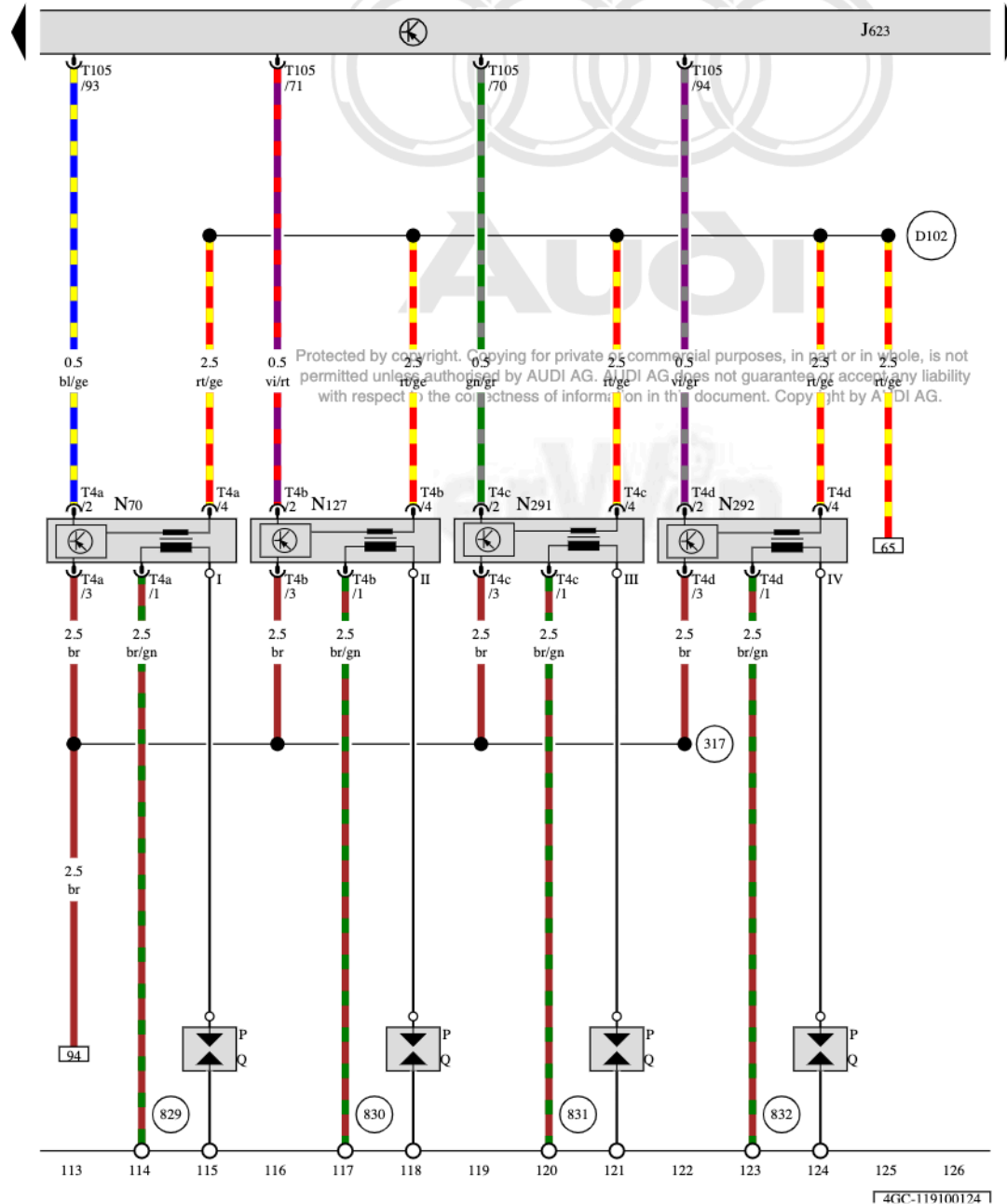
- 13 Ground Connection in Engine/Motor Compartment, Right
- 85 Ground Connection 1 (in Engine/Motor Compartment Wiring Harness)
- 131 Ground Connection 2 (in Engine/Motor Compartment Wiring Harness)
- 363 Ground Connection 8 (in Engine/Motor Compartment Wiring Harness)
- 645 Ground Connection 1 on Bulkhead
- 685 Ground Connection 1 on Right Front Longitudinal Member
- D103 Connection 3 (in Engine/Motor Compartment Wiring Harness)



Brake Lamp Switch, Engine/Motor Control Module

- E45 Cruise Control Switch
- F Brake Lamp Switch
- J527 Steering Column Electronics Control Module
- J623 Engine/Motor Control Module
- T4ak 4-Pin Connector, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T17i 17-Pin Connector, In the Left A-Pillar Connector Station, Black
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T91 91-Pin Connector, Black
- 45 Ground Connection Behind Instrument Panel, Center
- 199 Ground Connection 3 (in Instrument Panel Wiring Harness)
- B335 Connection 54 (in Main Wiring Harness) 1
- E26 Selector Lever P/N Position Connection (in Motronic Multiform Fuel Injection Wiring Harness)
- * For Vehicles with Cruise Control System



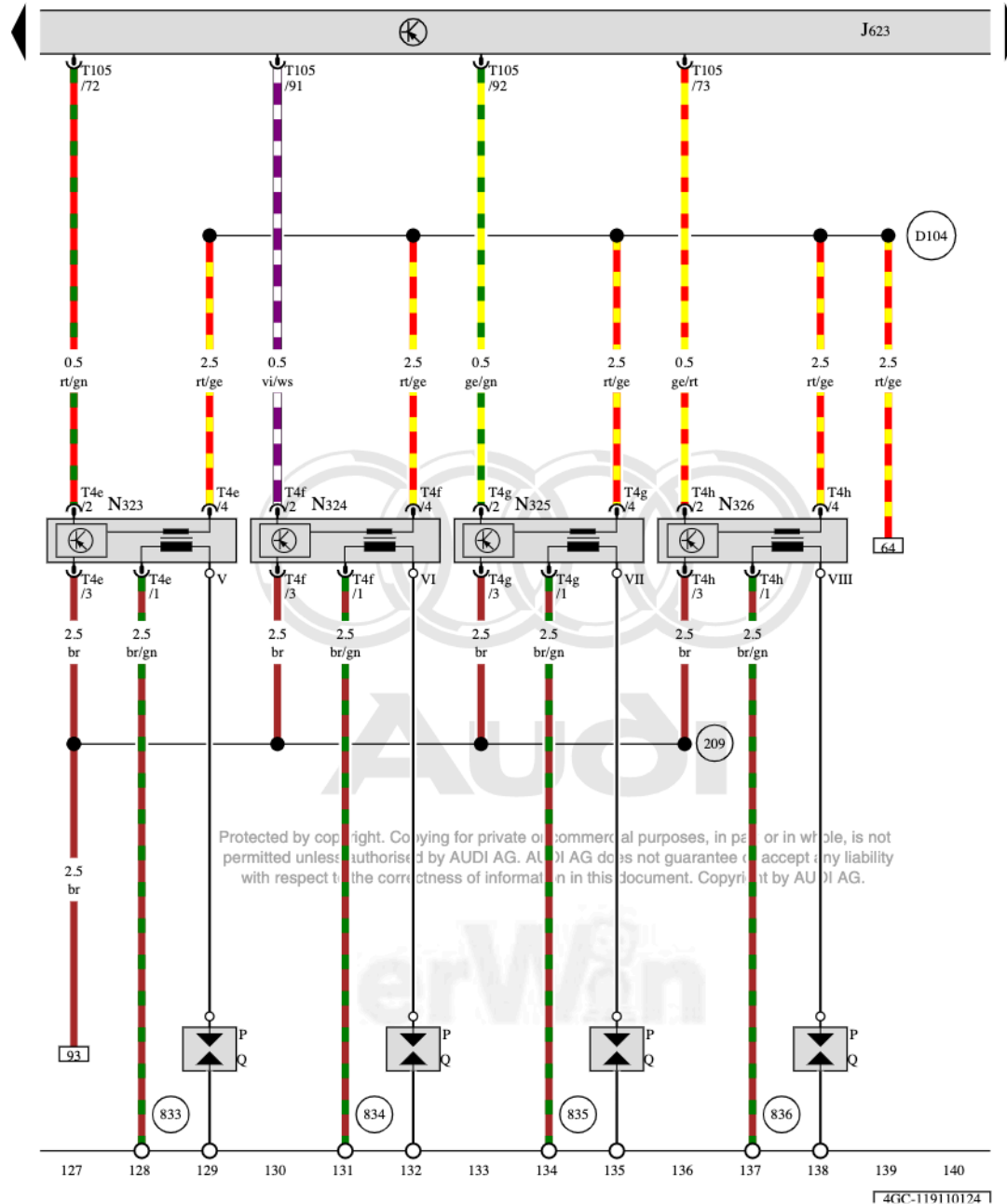


Engine/Motor Control Module, Ignition Coil 1 with Power Output Stage, Spark Plug Connectors, Spark Plugs

- J623 Engine/Motor Control Module
- N70 Ignition Coil 1 with Power Output Stage
- N127 Ignition Coil 2 with Power Output Stage
- N291 Ignition Coil 3 with Power Output Stage
- N292 Ignition Coil 4 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4a 4-Pin Connector, Black
- T4b 4-Pin Connector, Black
- T4c 4-Pin Connector, Black
- T4d 4-Pin Connector, Black
- T105 105-Pin Connector, Black

- 317 Ground Connection 7 (in Engine/Motor Compartment Wiring Harness)
- 829 Ground Connection 1 on Cylinder Head
- 830 Ground Connection 2 on Cylinder Head
- 831 Ground Connection 3 on Cylinder Head
- 832 Ground Connection 4 on Cylinder Head
- D102 Connection 2 (in Engine/Motor Compartment Wiring Harness)

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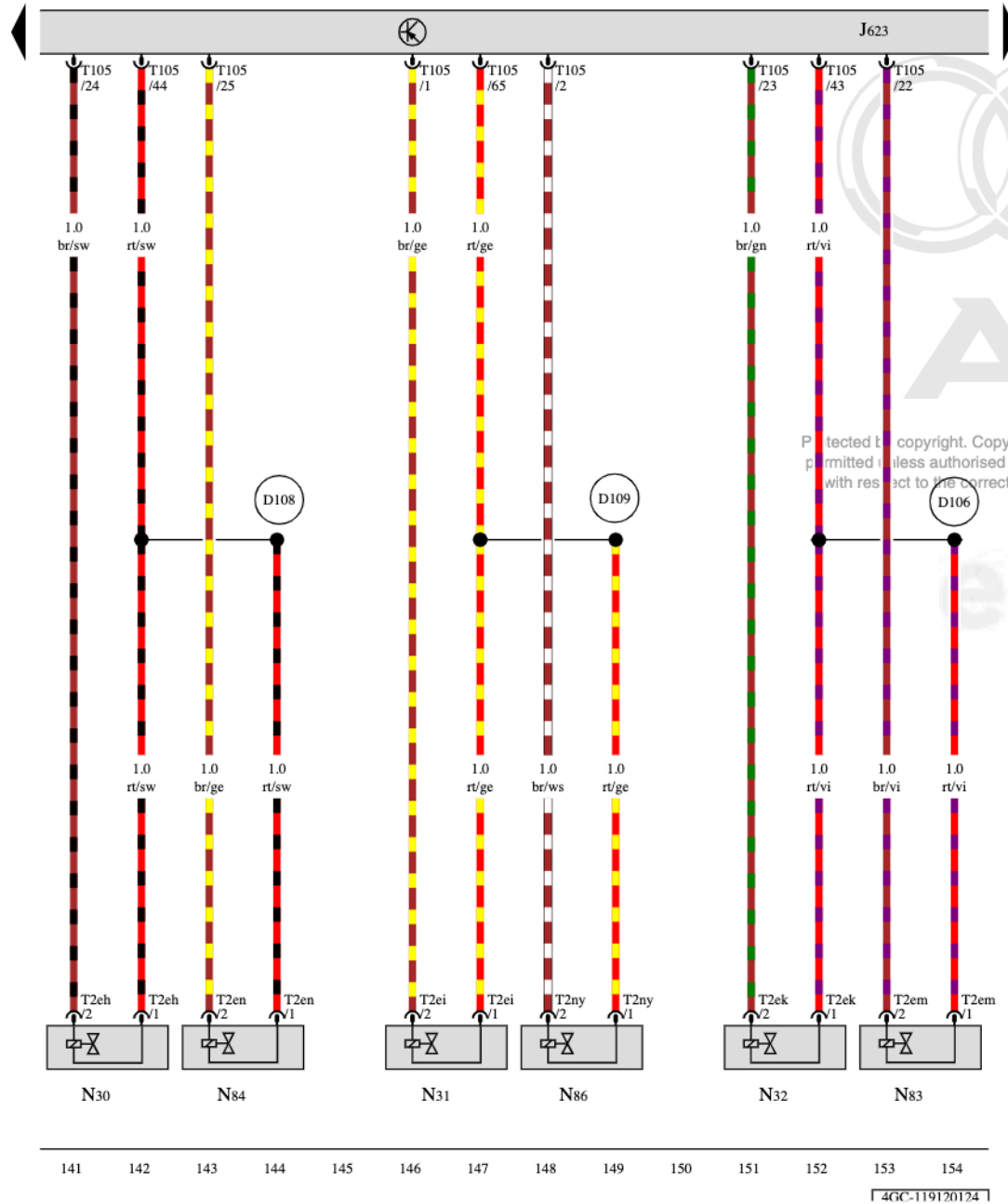


Engine/Motor Control Module, Ignition Coil 5 with Power Output Stage, Spark Plug Connectors, Spark Plugs

- J623 Engine/Motor Control Module
- N323 Ignition Coil 5 with Power Output Stage
- N324 Ignition Coil 6 with Power Output Stage
- N325 Ignition Coil 7 with Power Output Stage
- N326 Ignition Coil 8 with Power Output Stage
- P Spark Plug Connectors
- Q Spark Plugs
- T4e 4-Pin Connector, Black
- T4f 4-Pin Connector, Black
- T4g 4-Pin Connector, Black
- T4h 4-Pin Connector, Black
- T105 105-Pin Connector, Black

- 209 Ground Connection 6 (in Engine/Motor Compartment Wiring Harness)
- 833 Ground Connection 5 on Cylinder Head
- 834 Ground Connection 6 on Cylinder Head
- 835 Ground Connection 7 on Cylinder Head
- 836 Ground Connection 8 on Cylinder Head
- D104 Positive Connection 2 (30a) (in Engine/Motor Compartment Wiring Harness)

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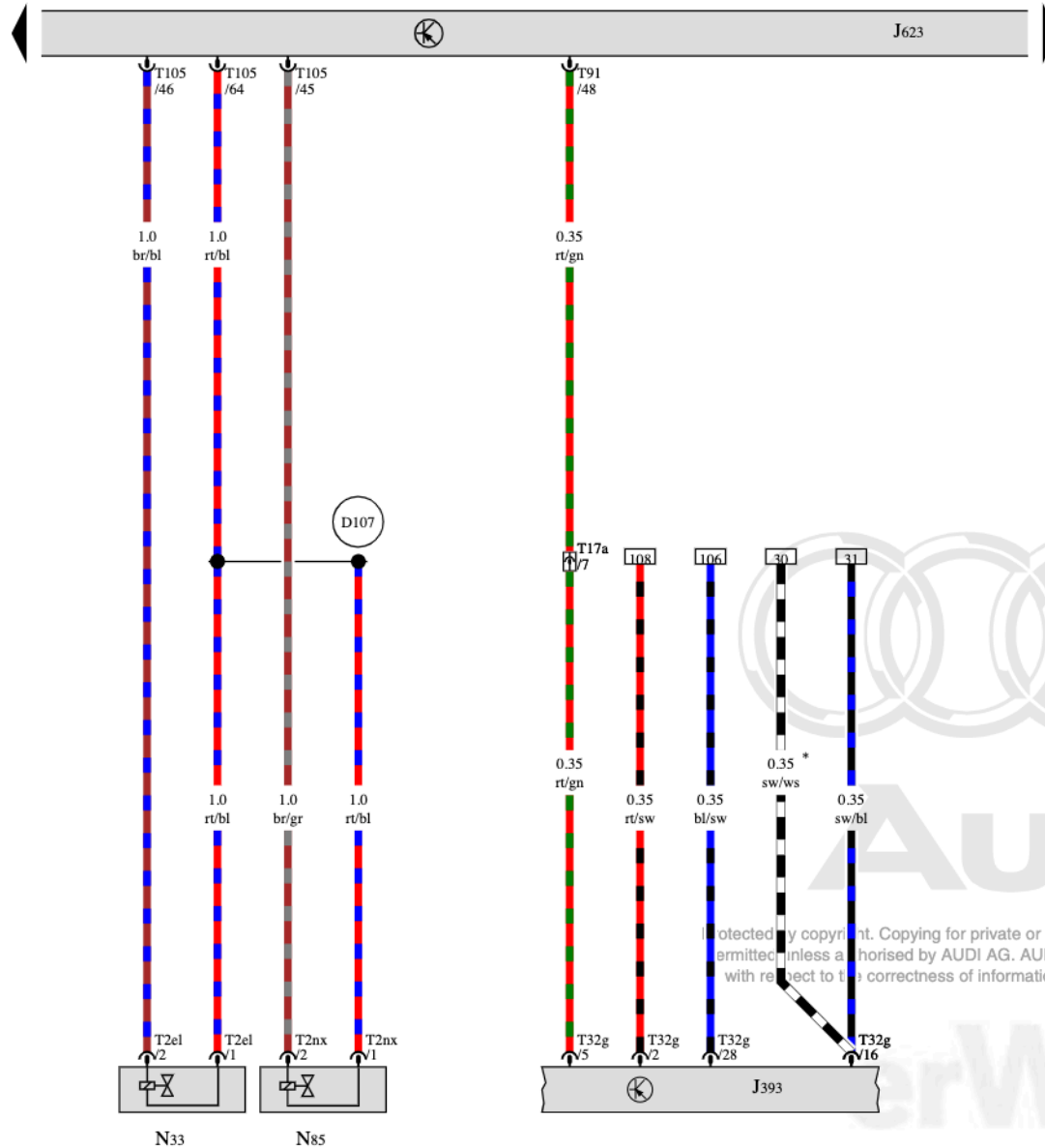


Engine/Motor Control Module, Cylinder 1 Fuel Injector, Cylinder 2 Fuel Injector, Cylinder 3 Fuel Injector, Cylinder 5 Fuel Injector, Cylinder 6 Fuel Injector, Cylinder 8 Fuel Injector

- J623 Engine/Motor Control Module
- N30 Cylinder 1 Fuel Injector
- N31 Cylinder 2 Fuel Injector
- N32 Cylinder 3 Fuel Injector
- N83 Cylinder 5 Fuel Injector
- N84 Cylinder 6 Fuel Injector
- N86 Cylinder 8 Fuel Injector
- T2eh 2-Pin Connector
- T2ei 2-Pin Connector
- T2ek 2-Pin Connector
- T2em 2-Pin Connector
- T2en 2-Pin Connector
- T2ny 2-Pin Connector
- T105 105-Pin Connector, Black

- D106 Connection 4 (in Engine/Motor Compartment Wiring Harness)
- D108 Connection 6 (in Engine/Motor Compartment Wiring Harness)
- D109 Connection 7 (in Engine/Motor Compartment Wiring Harness)

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Engine/Motor Control Module, Cylinder 4 Fuel Injector, Cylinder 7 Fuel Injector

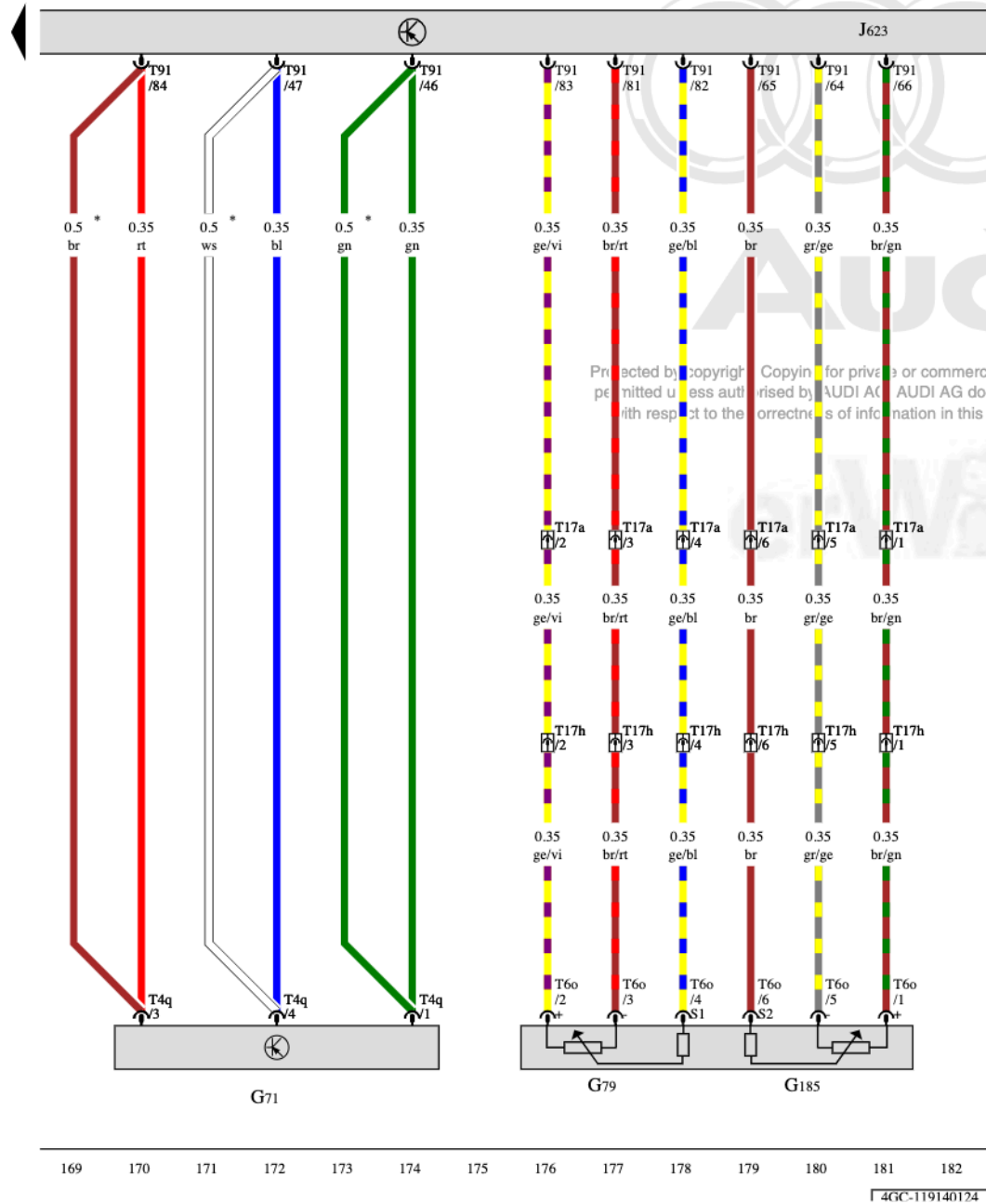
- J393 Comfort System Central Control Module
- J623 Engine/Motor Control Module
- N33 Cylinder 4 Fuel Injector
- N85 Cylinder 7 Fuel Injector
- T2el 2-Pin Connector
- T2nx 2-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T32g 32-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- D107 Connection 5 (in Engine/Motor Compartment Wiring Harness)
- * For RHD Vehicles

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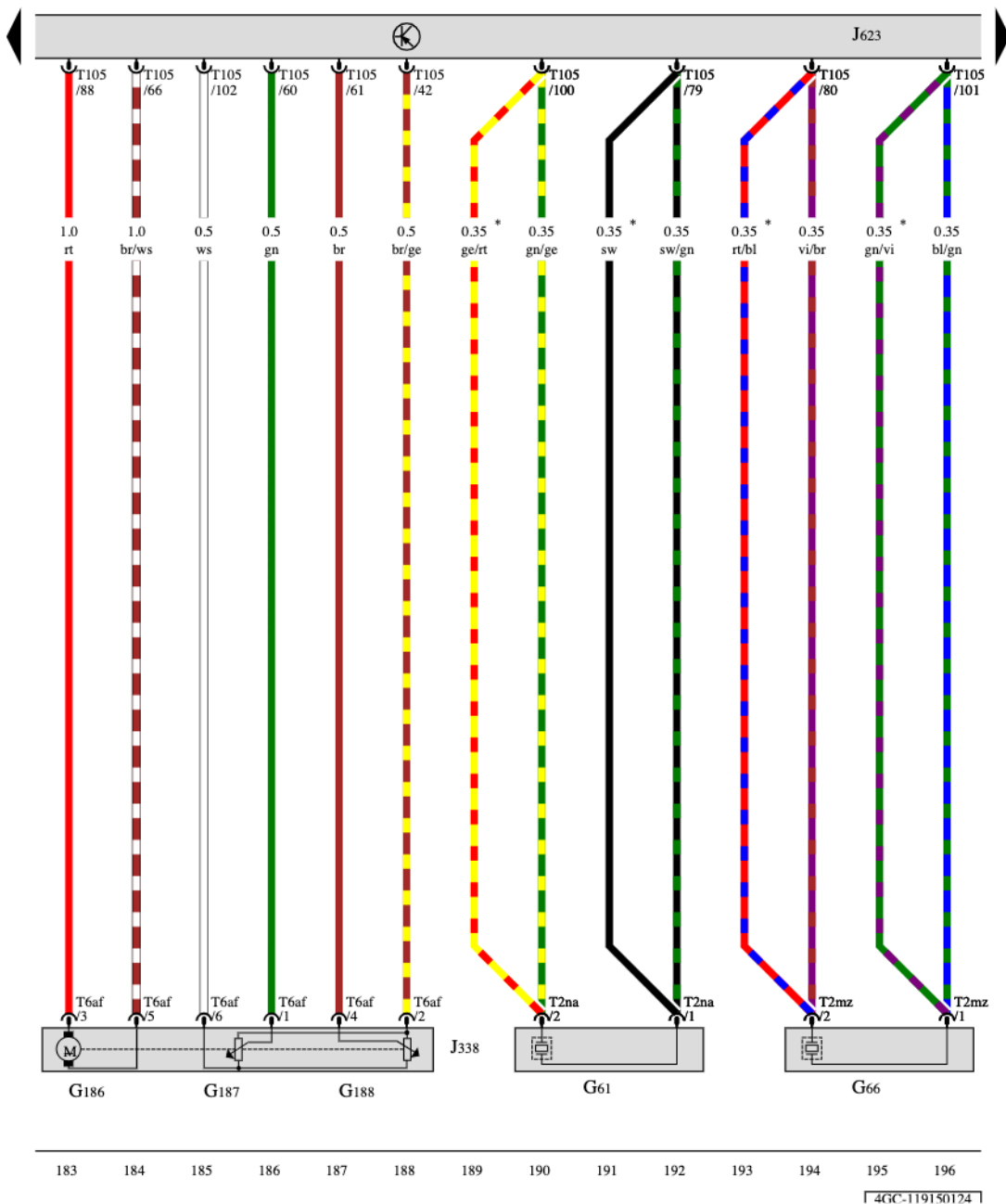
Manifold Absolute Pressure Sensor, Accelerator Pedal Position Sensor, Engine/Motor Control Module

- G71 Manifold Absolute Pressure Sensor
- G79 Accelerator Pedal Position Sensor
- G185 Accelerator Pedal Position Sensor 2
- J623 Engine/Motor Control Module
- T4q 4-Pin Connector
- T6o 6-Pin Connector, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T91 91-Pin Connector, Black
- * Running Change



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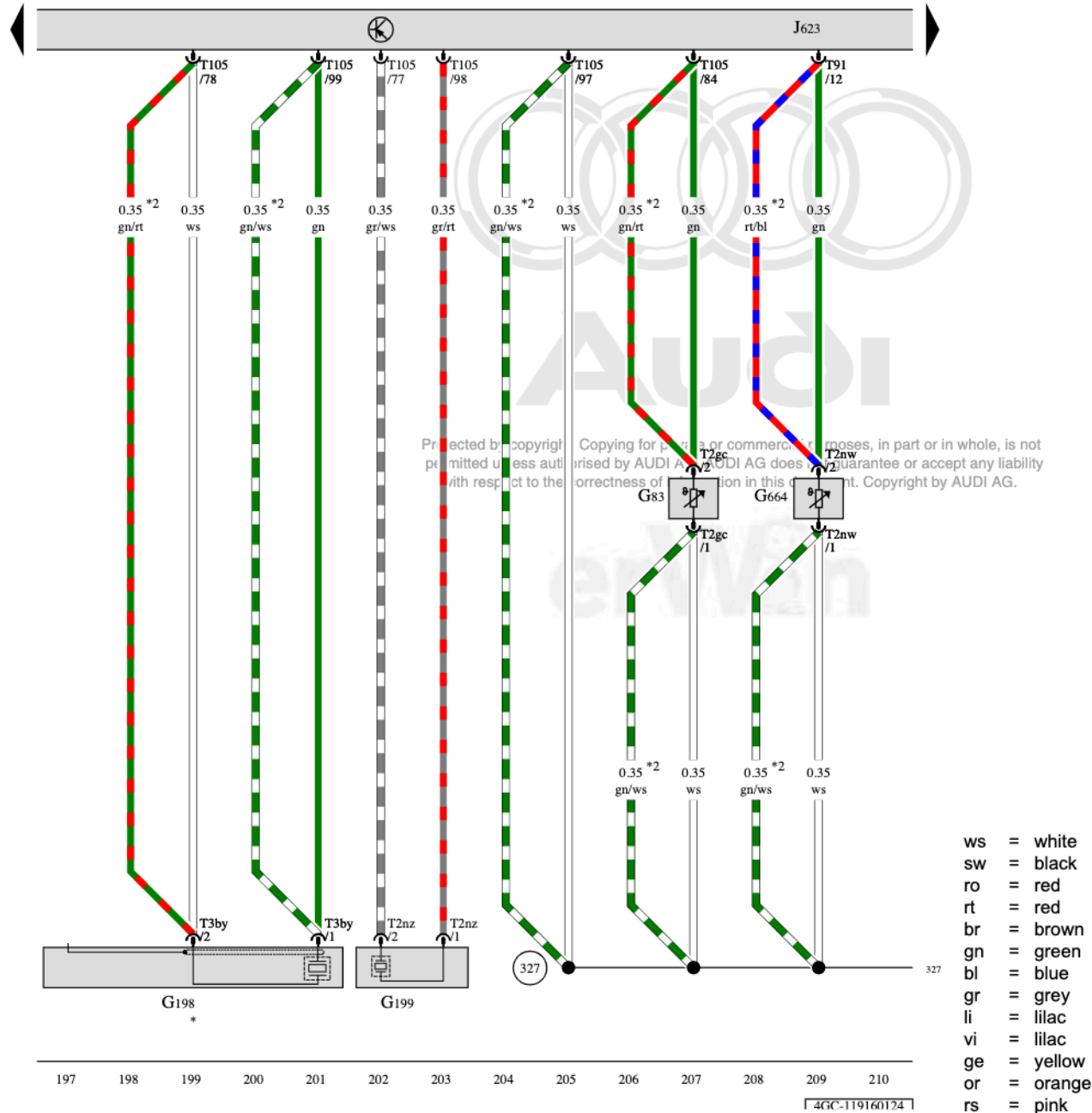
Knock Sensor 1, Knock Sensor 2, Throttle Valve Control Module, Engine/Motor Control Module

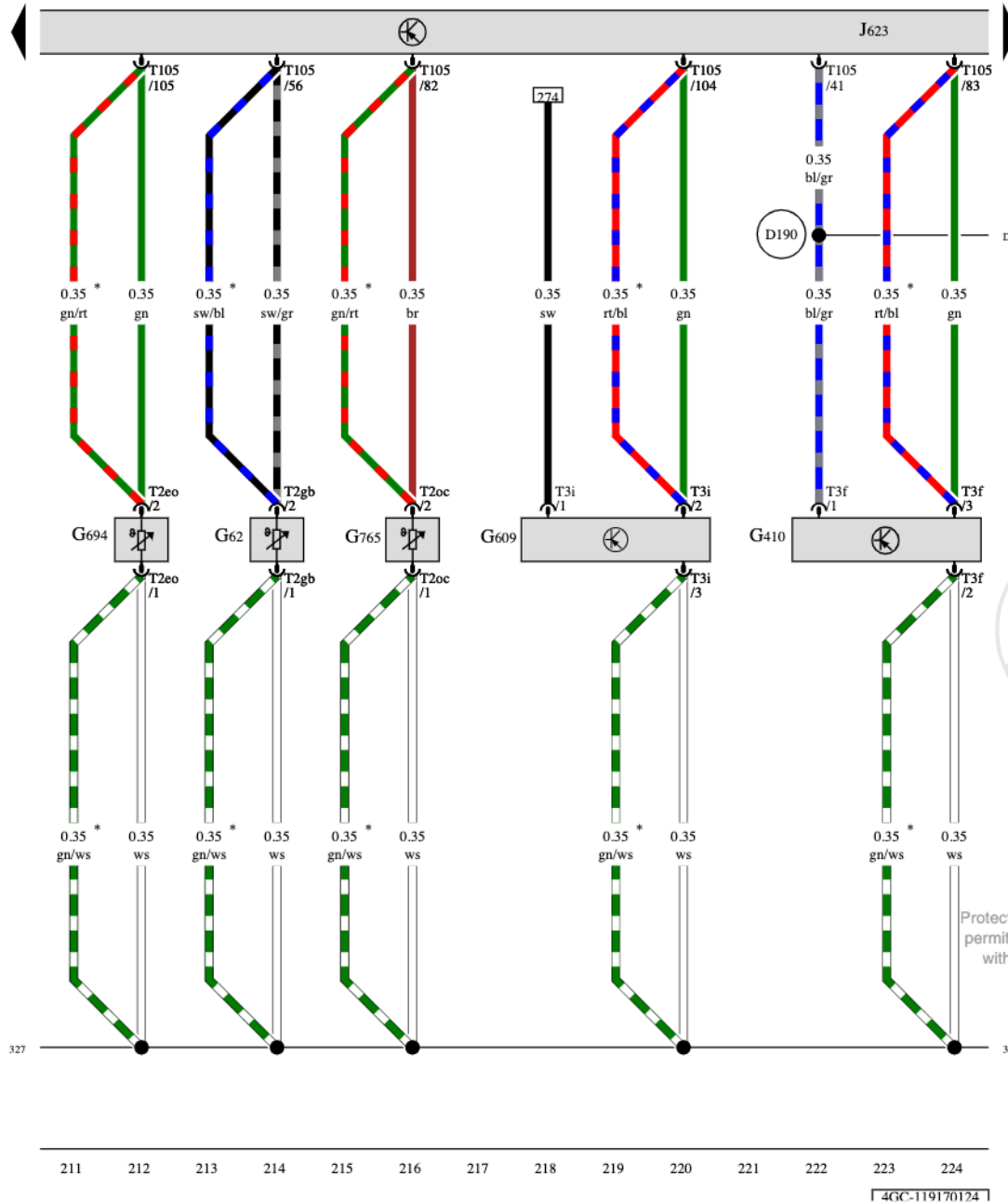


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Engine Coolant Temperature Sensor on Radiator Outlet,
Knock Sensor 3, Knock Sensor 4, Oil Temperature Sensor
2, Engine/Motor Control Module

- G83 Engine Coolant Temperature Sensor on Radiator Outlet
- G198 Knock Sensor 3
- G199 Knock Sensor 4
- G664 Oil Temperature Sensor 2
- J623 Engine/Motor Control Module
- T2gc 2-Pin Connector
- T2nw 2-Pin Connector
- T2nz 2-Pin Connector
- T3by 3-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- 327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)
- * Pre-Wired Component
- *2 Running Change



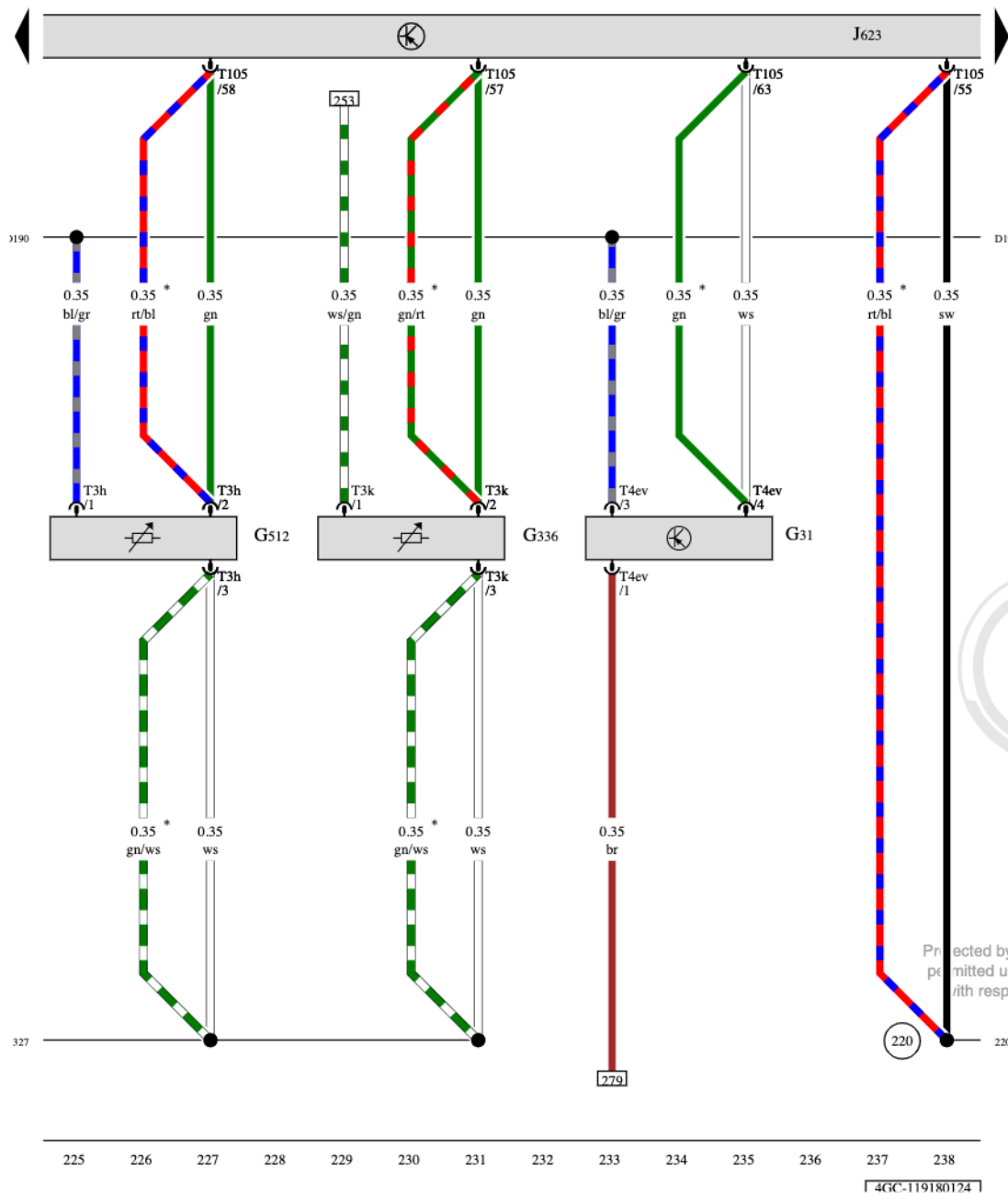


Engine Coolant Temperature Sensor, Low Fuel Pressure Sensor, Secondary Air Injection Sensor 1, Engine Temperature Control Sensor, Engine Cover Temperature Sensor, Engine/Motor Control Module

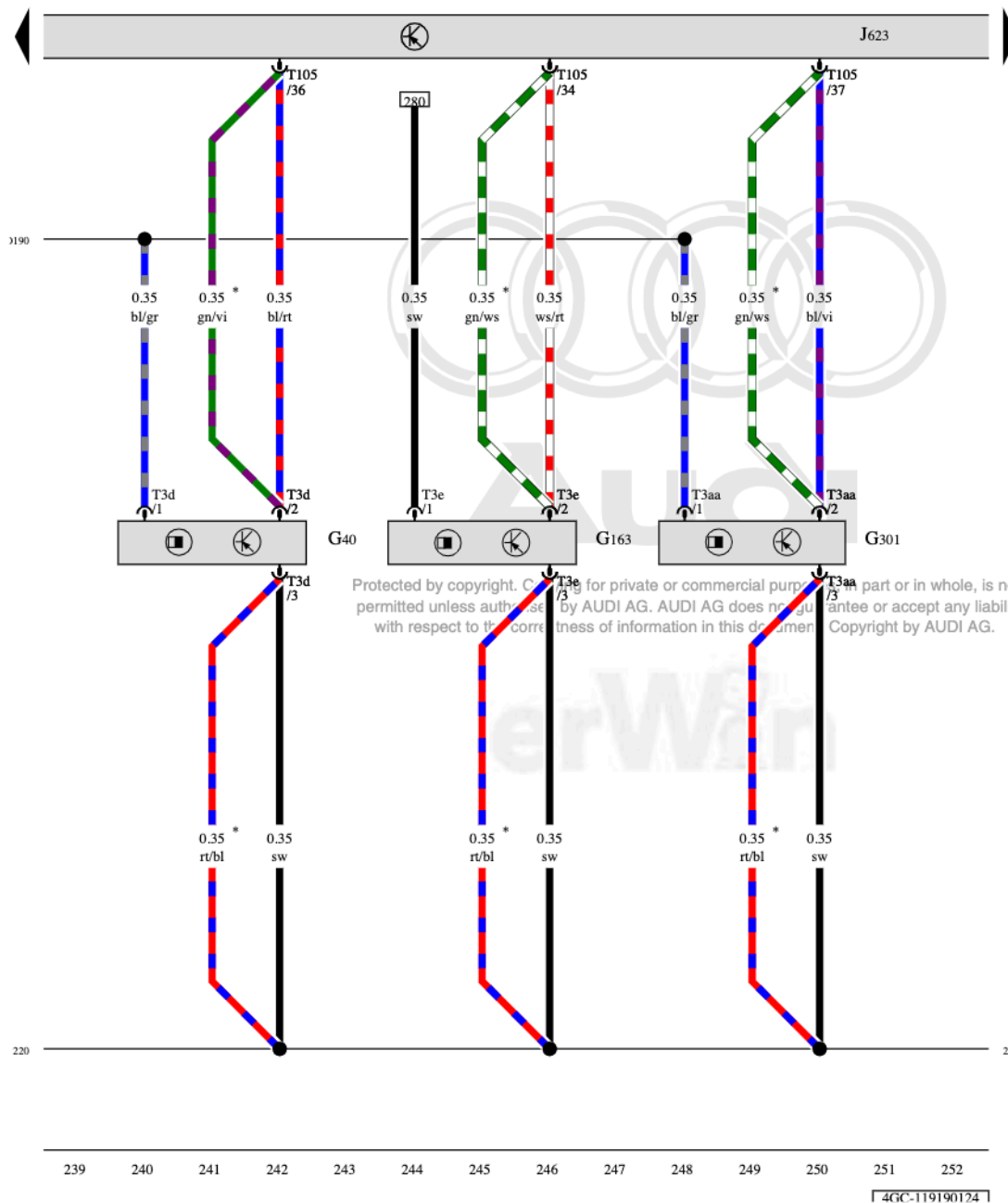
- G62 Engine Coolant Temperature Sensor
- G410 Low Fuel Pressure Sensor
- G609 Secondary Air Injection Sensor 1
- G694 Engine Temperature Control Sensor
- G765 Engine Cover Temperature Sensor
- J623 Engine/Motor Control Module
- T2eo 2-Pin Connector
- T2gb 2-Pin Connector
- T2oc 2-Pin Connector
- T3f 3-Pin Connector
- T3i 3-Pin Connector
- T105 105-Pin Connector, Black
- 327 Sensor Ground Connection (in Engine/Motor Compartment Wiring Harness)
- D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)
- * Running Change

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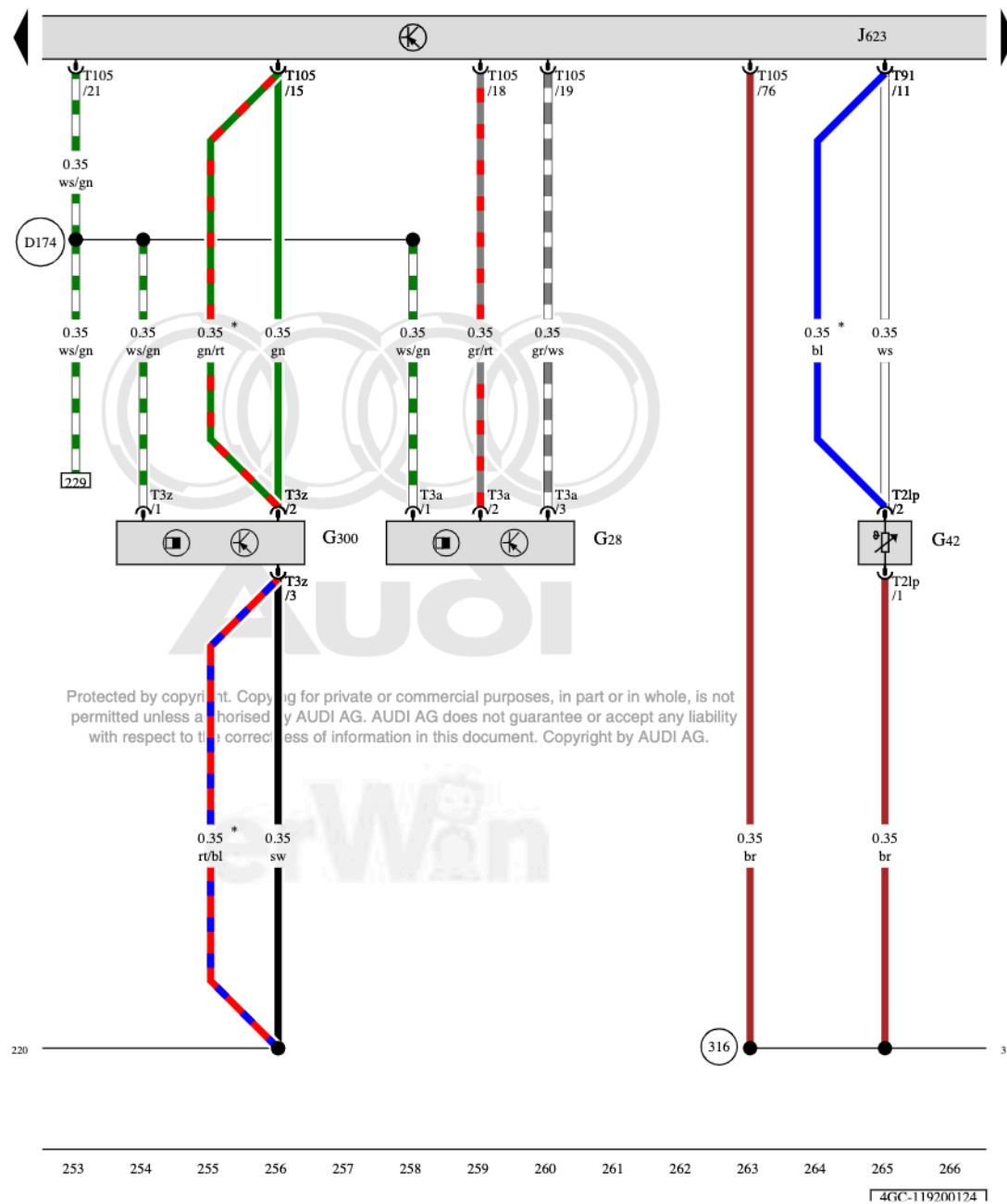
Camshaft Position Sensor, Camshaft Position Sensor 2,
 Camshaft Position Sensor 4, Engine/Motor Control
 Module

- G40 Camshaft Position Sensor
- G163 Camshaft Position Sensor 2
- G301 Camshaft Position Sensor 4
- J623 Engine/Motor Control Module
- T3aa 3-Pin Connector
- T3d 3-Pin Connector
- T3e 3-Pin Connector
- T105 105-Pin Connector, Black

220 Sensor Ground Connection (in Engine Wiring Harness)

D190 Connection 3 (5V) (in Engine Pre-Wiring Harness)

* Running Change

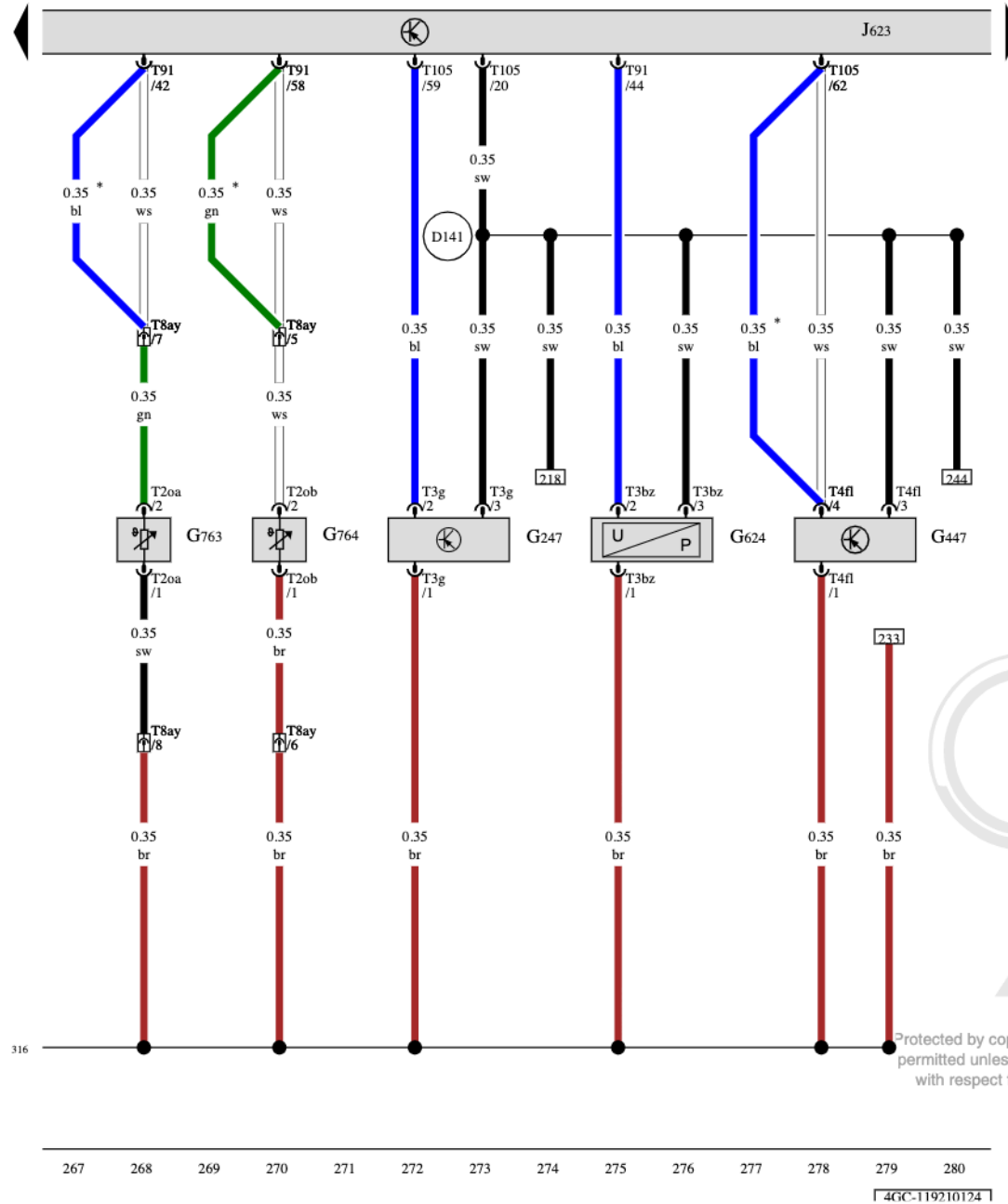


Engine Speed Sensor, Intake Air Temperature Sensor, Camshaft Position Sensor 3, Engine/Motor Control Module

- G28 Engine Speed Sensor
- G42 Intake Air Temperature Sensor
- G300 Camshaft Position Sensor 3
- J623 Engine/Motor Control Module
- T2lp 2-Pin Connector
- T3a 3-Pin Connector
- T3z 3-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

- 220 Sensor Ground Connection (in Engine Wiring Harness)
- 316 Sensor Ground Connection 2 (in Engine Wiring Harness)
- D174 Connection 2 (5V) (in Engine Pre-Wiring Harness)
- * Running Change

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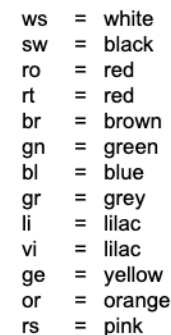


Fuel Pressure Sensor, Charge Air Pressure Sensor 2,
Fuel Pressure Sensor 2, Charge Air Cooler Temperature
Sensor 1, Engine/Motor Control Module

- G247 Fuel Pressure Sensor
- G447 Charge Air Pressure Sensor 2
- G624 Fuel Pressure Sensor 2
- G763 Charge Air Cooler Temperature Sensor 1
- G764 Charge Air Cooler Temperature Sensor 2
- J623 Engine/Motor Control Module
- T2oa 2-Pin Connector
- T2ob 2-Pin Connector
- T3bz 3-Pin Connector
- T3g 3-Pin Connector
- T4fl 4-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- 316 Sensor Ground Connection 2 (in Engine Wiring Harness)
- D141 Connection 5V (in Engine Pre-Wiring Harness)
- * Running Change

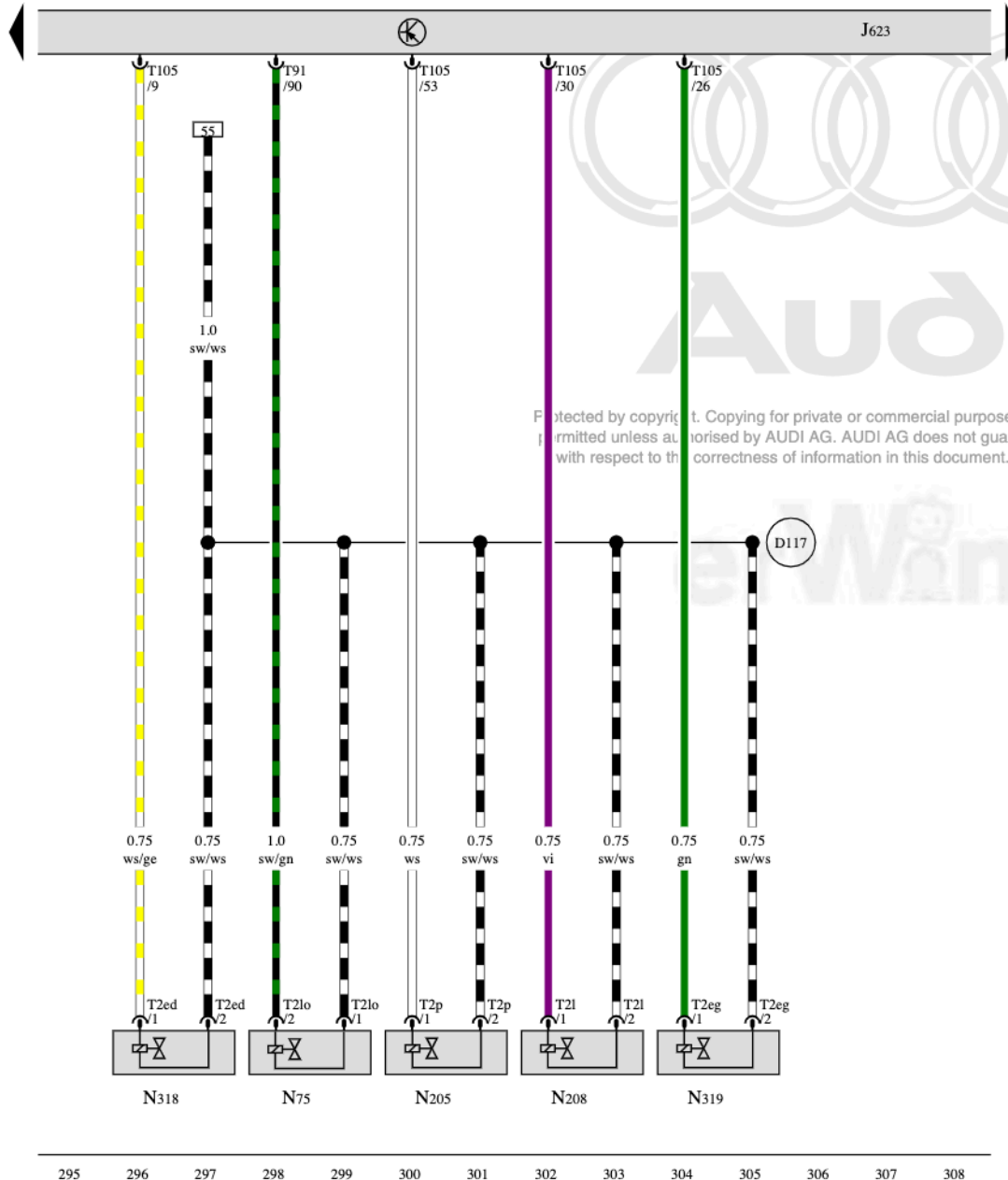
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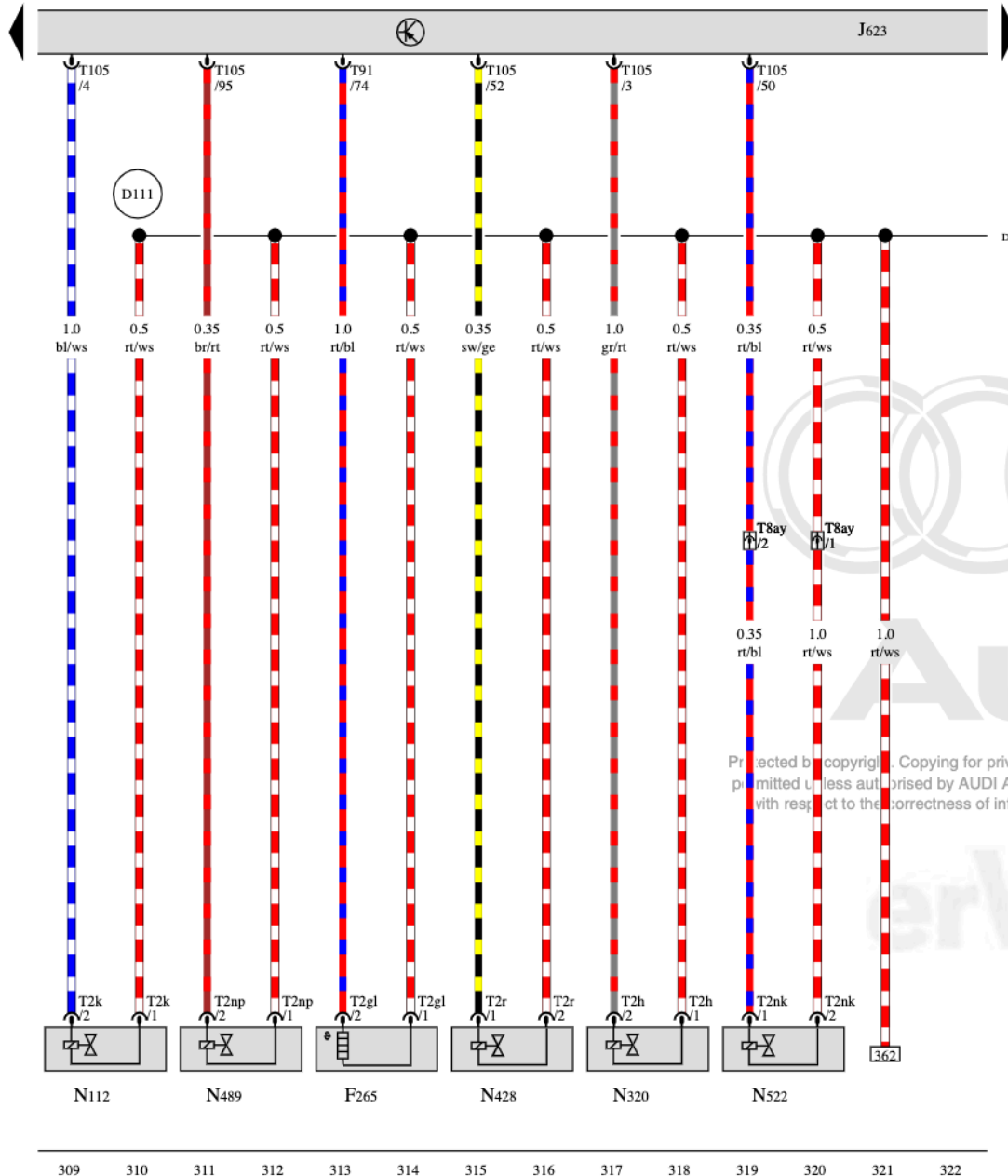
Engine/Motor Control Module, Wastegate Bypass
Regulator Valve, Camshaft Adjustment Valve 1, Exhaust
Camshaft Adjustment Valve 1



- J623 Engine/Motor Control Module
- N75 Wastegate Bypass Regulator Valve
- N205 Camshaft Adjustment Valve 1
- N208 Camshaft Adjustment Valve 2
- N318 Exhaust Camshaft Adjustment Valve 1
- N319 Exhaust Camshaft Adjustment Valve 2
- T2ed 2-Pin Connector
- T2eg 2-Pin Connector
- T2l 2-Pin Connector
- T2lo 2-Pin Connector
- T2p 2-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

D117 Connection 15 (in Engine/Motor Compartment Wiring Harness)

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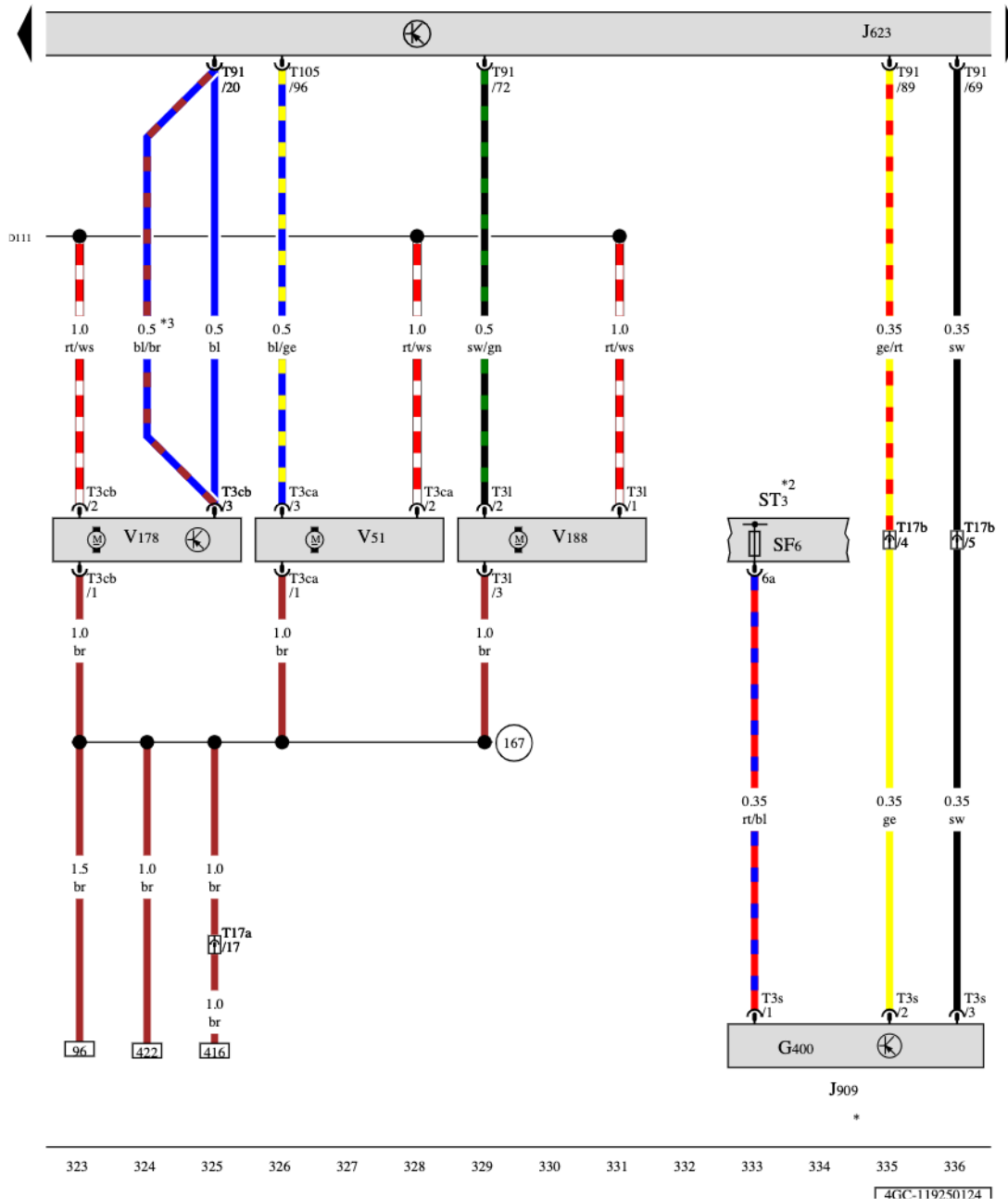
Map Controlled Engine Cooling Thermostat, Engine/Motor Control Module, Secondary Air Injection Solenoid Valve, Secondary Air Injection Solenoid Valve 2, Oil Pressure Regulation Valve, Cylinder Head Coolant Valve, Piston Cooling Nozzle Control Valve

- F265 Map Controlled Engine Cooling Thermostat
- J623 Engine/Motor Control Module
- N112 Secondary Air Injection Solenoid Valve
- N320 Secondary Air Injection Solenoid Valve 2
- N428 Oil Pressure Regulation Valve
- N489 Cylinder Head Coolant Valve
- N522 Piston Cooling Nozzle Control Valve
- T2gl 2-Pin Connector
- T2h 2-Pin Connector
- T2k 2-Pin Connector
- T2nk 2-Pin Connector
- T2np 2-Pin Connector
- T2r 2-Pin Connector
- T8ay 8-Pin Connector, In the Engine/Motor Compartment, Right Front
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)

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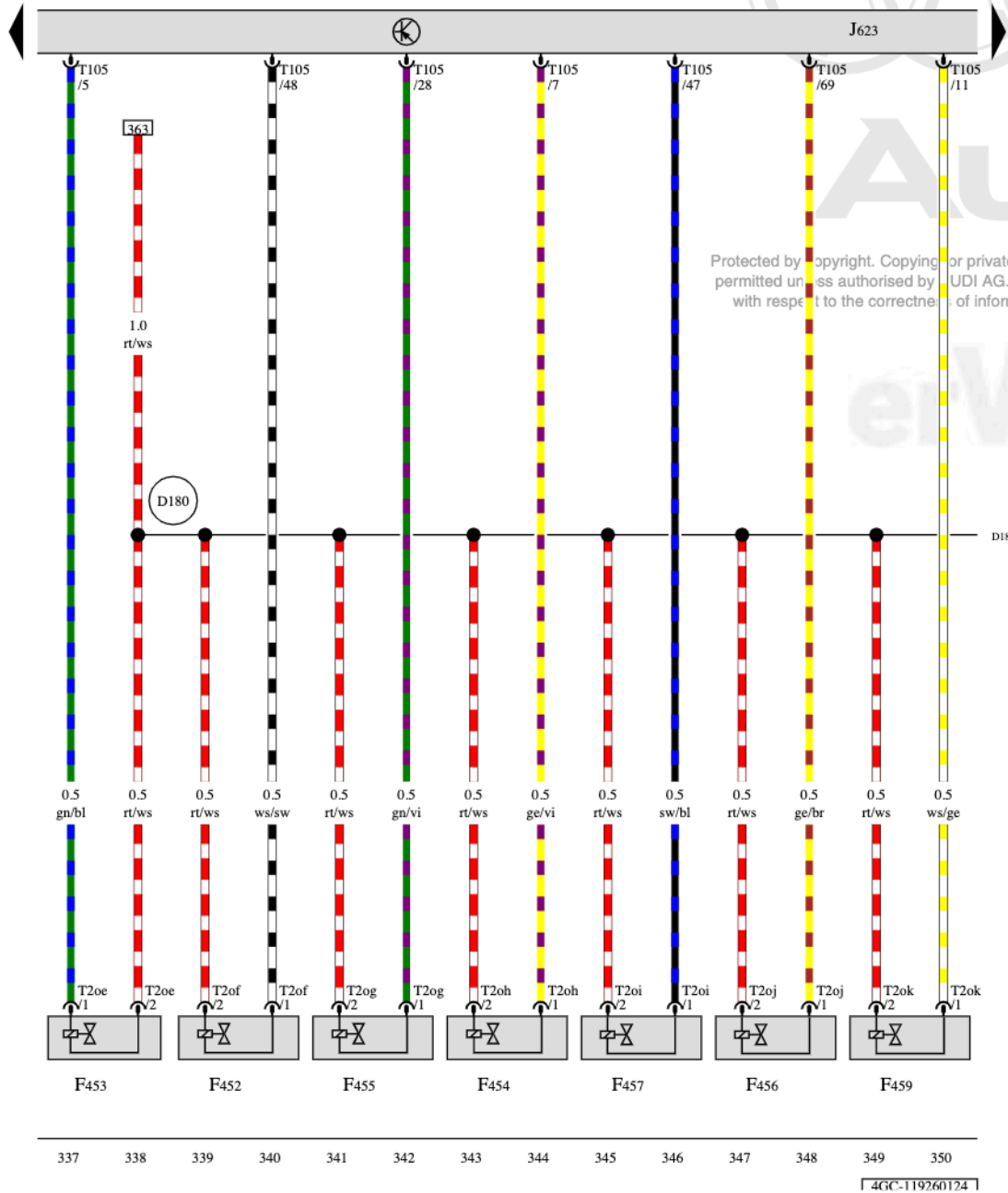


Engine/Motor Control Module, Fuel Tank Leak Detection Control Module, After-Run Coolant Pump, Engine Coolant Circulation Pump 2, Charge Air Cooling Pump

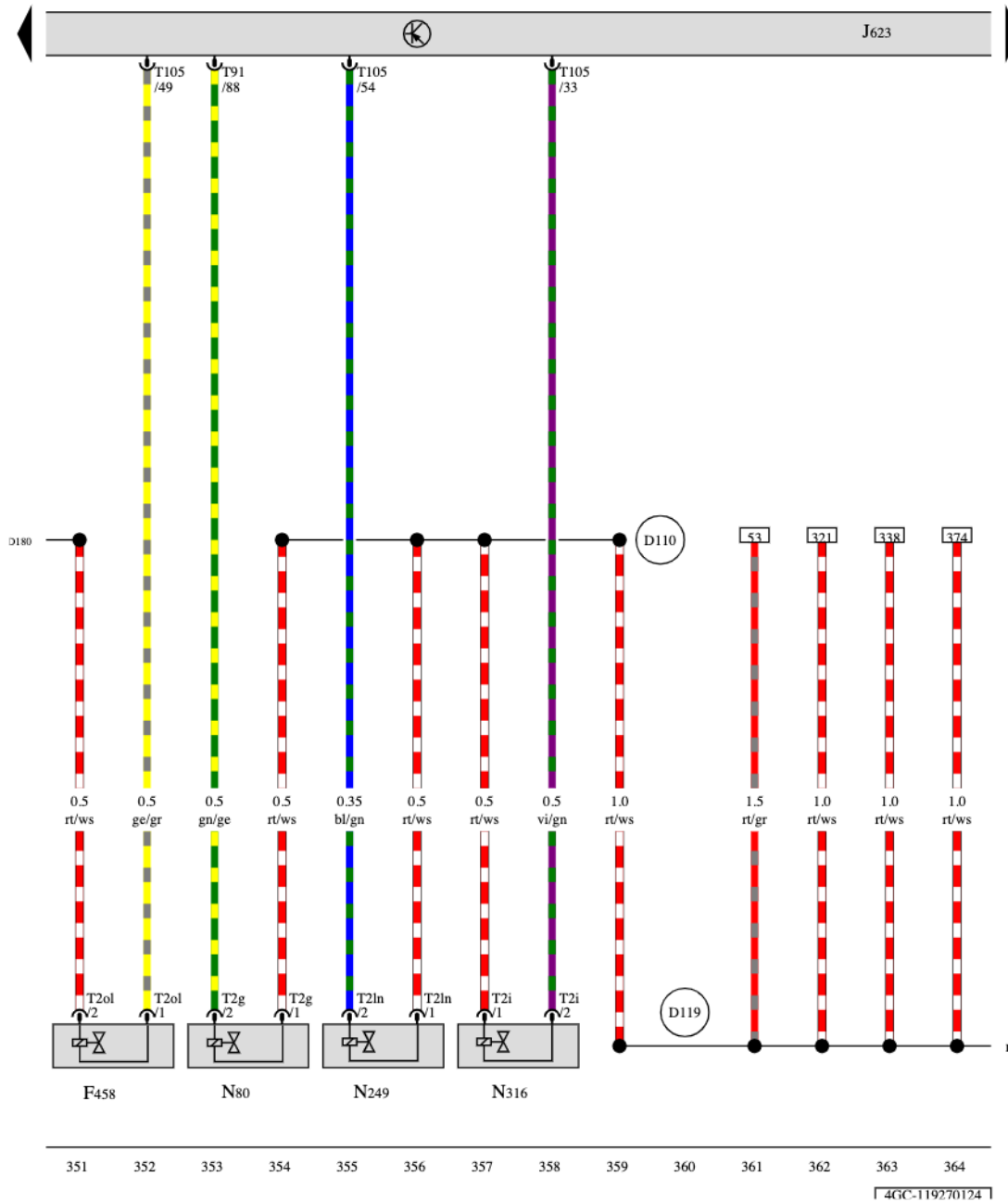
- G400 Fuel Tank Pressure Sensor
- J623 Engine/Motor Control Module
- J909 Fuel Tank Leak Detection Control Module
- ST3 Fuse Panel 3
- SF6 Fuse 6 (On Fuse Panel F)
- T3ca 3-Pin Connector
- T3cb 3-Pin Connector
- T3l 3-Pin Connector
- T3s 3-Pin Connector
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- V51 After-Run Coolant Pump
- V178 Engine Coolant Circulation Pump 2
- V188 Charge Air Cooling Pump
- 167 Ground Connection 4 (in Engine/Motor Compartment Wiring Harness)
- D111 Connection 9 (in Engine/Motor Compartment Wiring Harness)
- * For Vehicles with Fuel System Diagnostic Pump
- *2 Refer to Applicable Wiring Diagram for Fuse Positions
- *3 Running Change

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Cylinder 2 Intake Cam Actuator 2, Cylinder 3 Intake Cam Actuator 2, Engine/Motor Control Module



- F452 Cylinder 2 Intake Cam Actuator 1
- F453 Cylinder 2 Intake Cam Actuator 2
- F454 Cylinder 2 Exhaust Cam Actuator 1
- F455 Cylinder 2 Exhaust Cam Actuator 2
- F456 Cylinder 3 Intake Cam Actuator 1
- F457 Cylinder 3 Intake Cam Actuator 2
- F459 Cylinder 3 Exhaust Cam Actuator 2
- J623 Engine/Motor Control Module
- T2oe 2-Pin Connector
- T2of 2-Pin Connector
- T2og 2-Pin Connector
- T2oh 2-Pin Connector
- T2oi 2-Pin Connector
- T2oj 2-Pin Connector
- T2ok 2-Pin Connector
- T105 105-Pin Connector, Black
- D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)

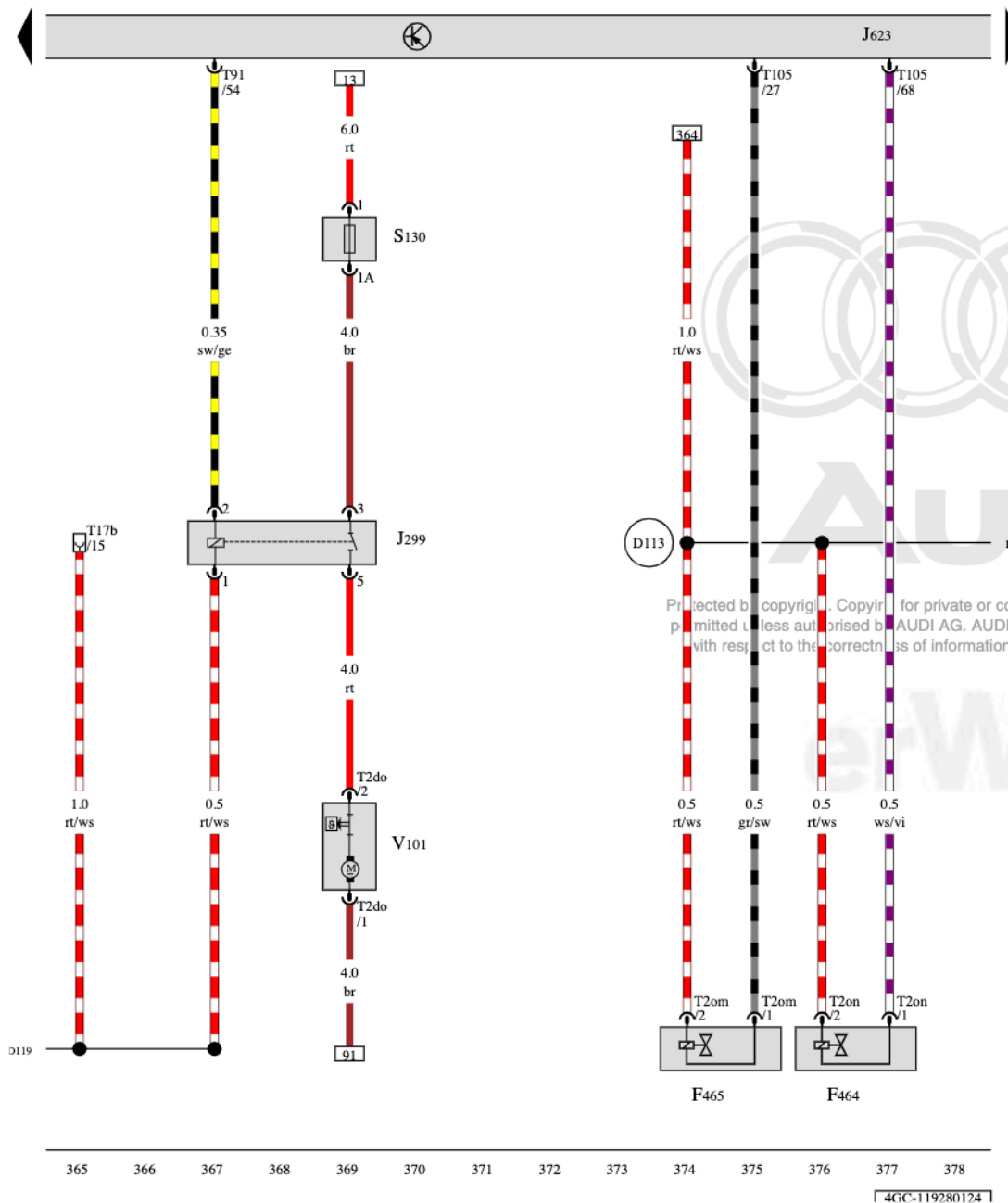


Engine/Motor Control Module, EVAP Canister Purge Regulator Valve 1, Turbocharger Recirculation Valve, Intake Manifold Runner Control Valve

- F458 Cylinder 3 Exhaust Cam Actuator 1
- J623 Engine/Motor Control Module
- N80 EVAP Canister Purge Regulator Valve 1
- N249 Turbocharger Recirculation Valve
- N316 Intake Manifold Runner Control Valve
- T2g 2-Pin Connector
- T2i 2-Pin Connector
- T2ln 2-Pin Connector
- T2ol 2-Pin Connector
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

- D110 Connection 8 (in Engine/Motor Compartment Wiring Harness)
- D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)
- D180 Connection 87A (in Engine/Motor Compartment Wiring Harness)

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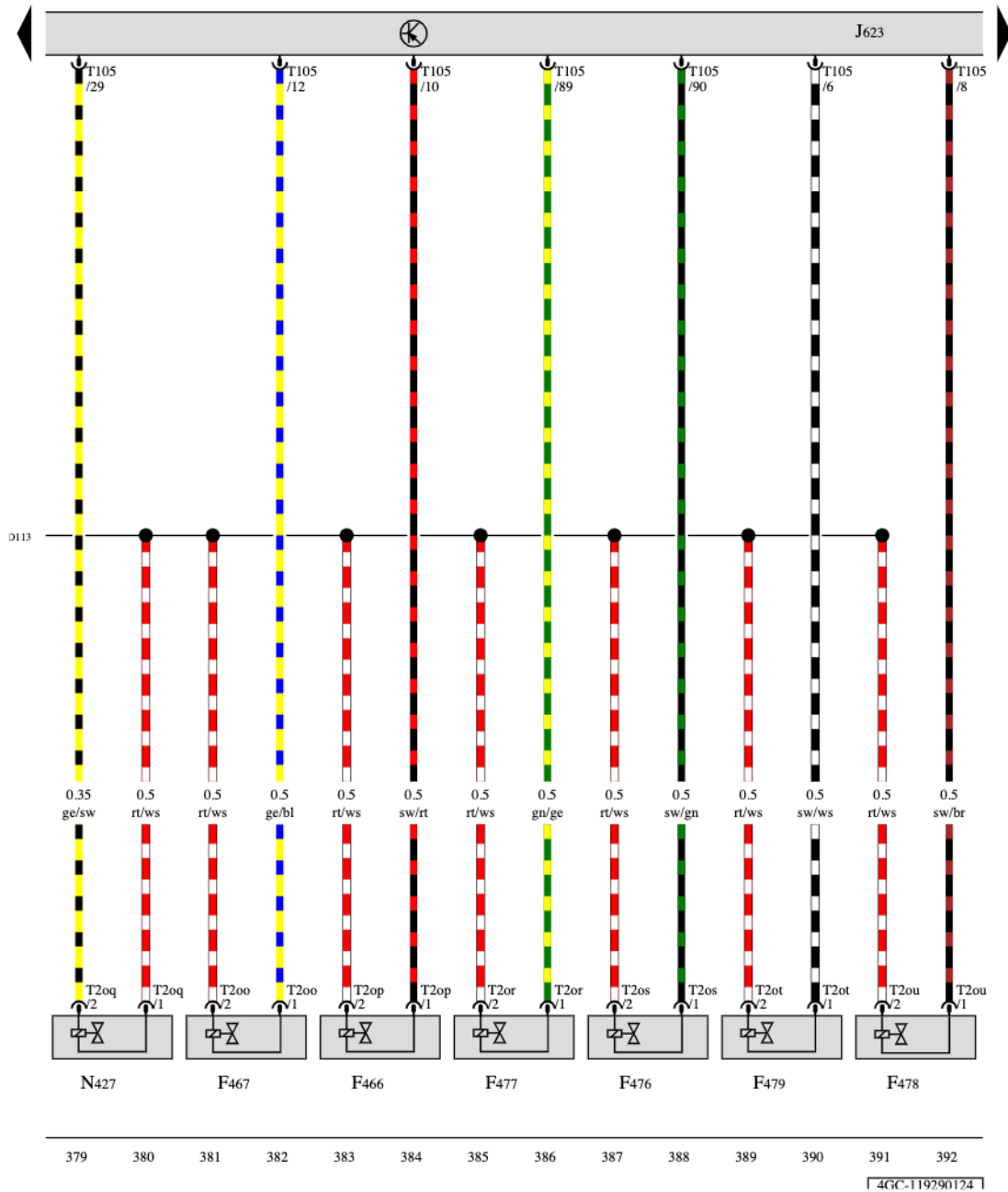


Cylinder 5 Intake Cam Actuator 2, Secondary Air Injection Pump Relay, Engine/Motor Control Module, Secondary Air Injection Pump Fuse

- F464 Cylinder 5 Intake Cam Actuator 1
- F465 Cylinder 5 Intake Cam Actuator 2
- J299 Secondary Air Injection Pump Relay
- J623 Engine/Motor Control Module
- S130 Secondary Air Injection Pump Fuse
- T2do 2-Pin Connector
- T2om 2-Pin Connector
- T2on 2-Pin Connector
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- V101 Secondary Air Injection Pump Motor
- D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)
- D119 Connection 17 (in Engine/Motor Compartment Wiring Harness)

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Cylinder 8 Intake Cam Actuator 2, Engine/Motor Control Module

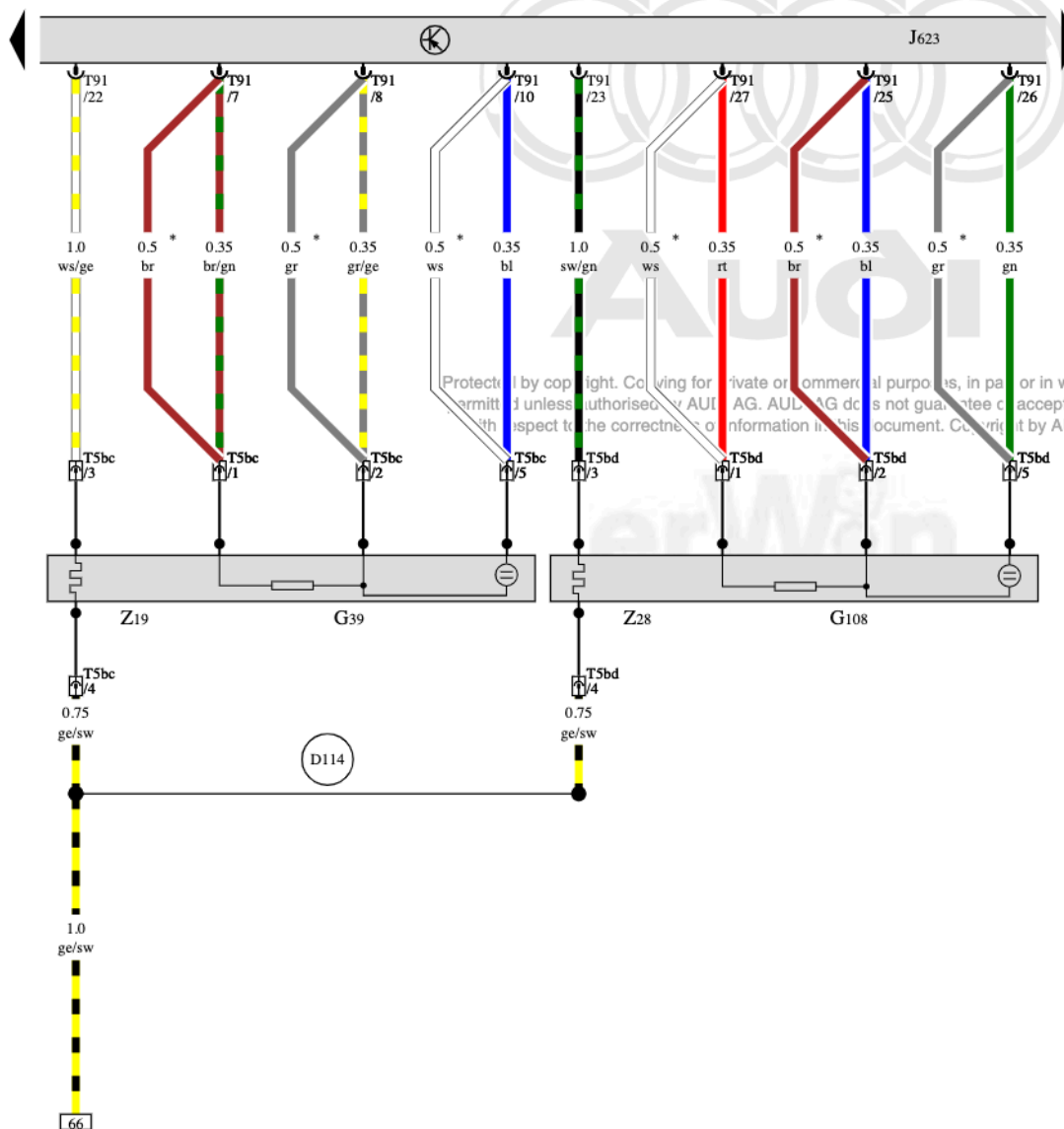


- F466 Cylinder 5 Exhaust Cam Actuator 1
- F467 Cylinder 5 Exhaust Cam Actuator 2
- F476 Cylinder 8 Intake Cam Actuator 1
- F477 Cylinder 8 Intake Cam Actuator 2
- F478 Cylinder 8 Exhaust Cam Actuator 1
- F479 Cylinder 8 Exhaust Cam Actuator 2
- J623 Engine/Motor Control Module
- N427 Turbocharger Recirculation Valve Bank 2
- T2oo 2-Pin Connector
- T2op 2-Pin Connector
- T2oq 2-Pin Connector
- T2or 2-Pin Connector
- T2os 2-Pin Connector
- T2ot 2-Pin Connector
- T2ou 2-Pin Connector
- T105 105-Pin Connector, Black

D113 Connection 11 (in Engine/Motor Compartment Wiring Harness)

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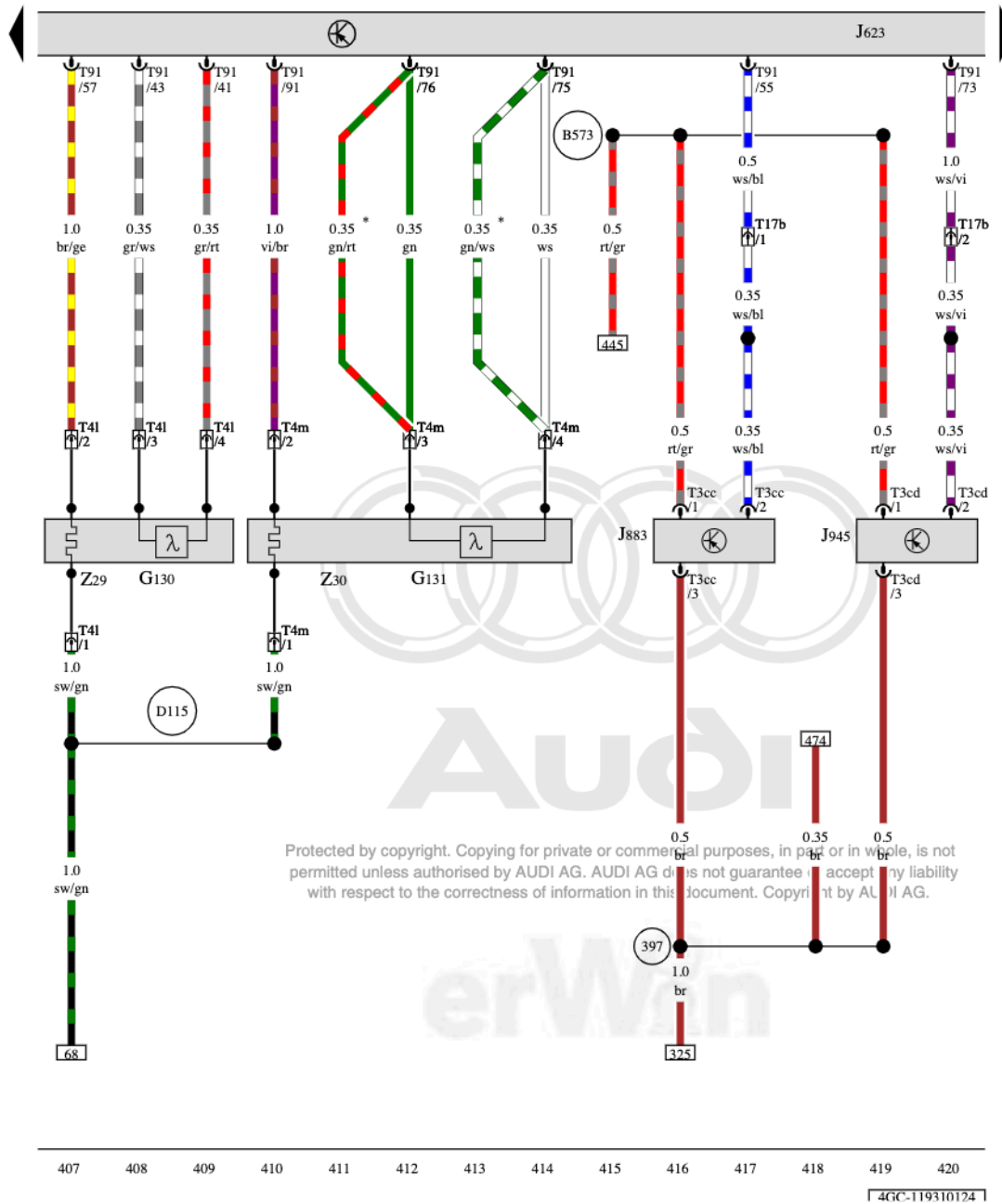
Heated Oxygen Sensor, Heated Oxygen Sensor 2, Engine/Motor Control Module

- G39 Heated Oxygen Sensor
- G108 Heated Oxygen Sensor 2
- J623 Engine/Motor Control Module
- T5bc 5-Pin Connector, Brown
- T5bd 5-Pin Connector, Black
- T91 91-Pin Connector, Black
- Z19 Oxygen Sensor Heater
- Z28 Oxygen Sensor 2 Heater

D114 Connection 12 (in Engine/Motor Compartment Wiring Harness)

* Running Change

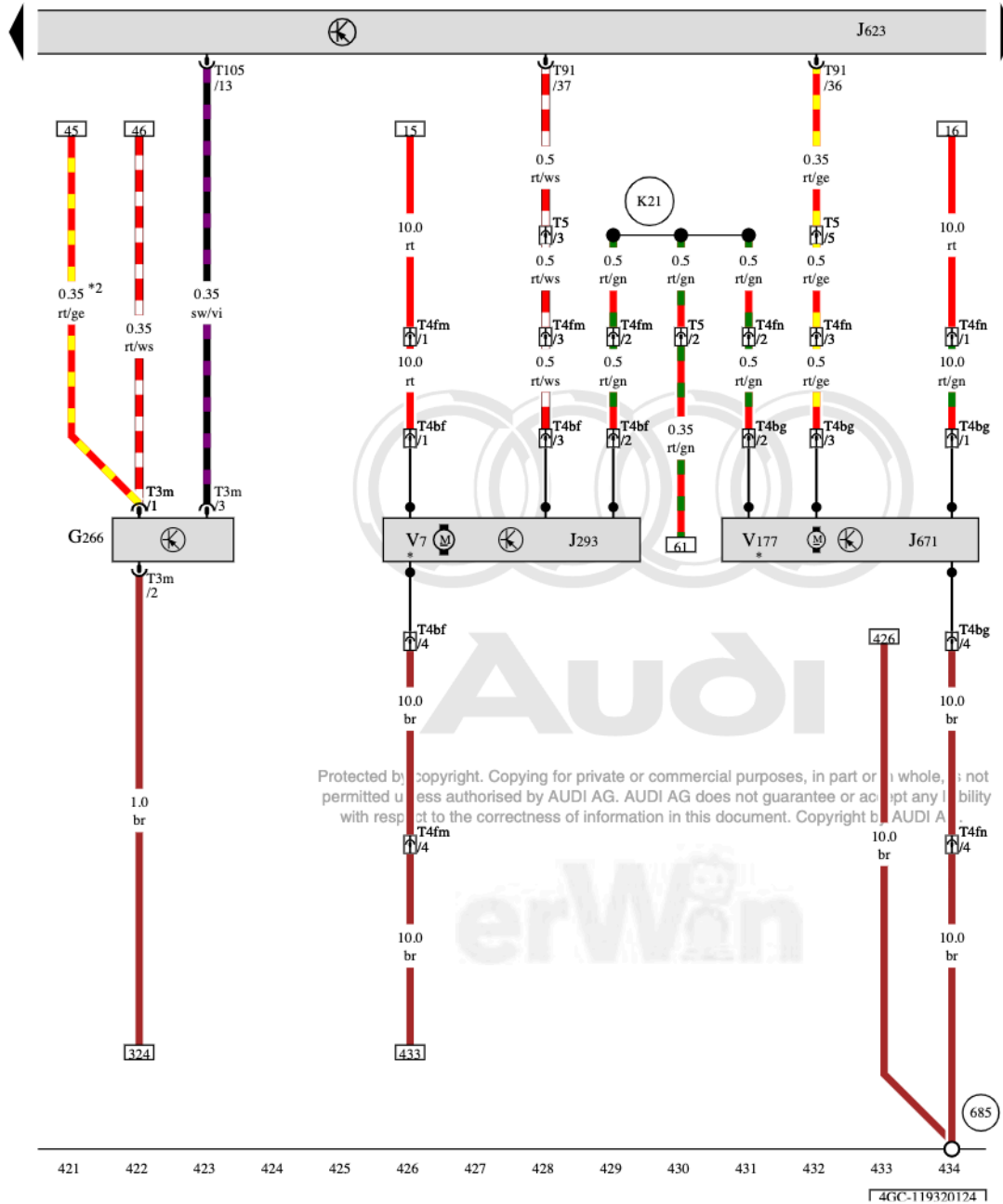
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Oxygen Sensor After Catalytic Converter, Oxygen Sensor 2 After Catalytic Converter, Engine/Motor Control Module, Exhaust Door Control Unit, Exhaust Door Control Unit 2

- G130 Oxygen Sensor After Catalytic Converter
- G131 Oxygen Sensor 2 After Catalytic Converter
- J623 Engine/Motor Control Module
- J883 Exhaust Door Control Unit
- J945 Exhaust Door Control Unit 2
- T3cc 3-Pin Connector
- T3cd 3-Pin Connector
- T4l 4-Pin Connector, Black
- T4m 4-Pin Connector, Brown
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- Z29 Heater for Oxygen Sensor 1 After Catalytic Converter
- Z30 Heater for Oxygen Sensor 2 After Catalytic Converter
- 397 Ground Connection 32 (in Main Wiring Harness)
- B573 Connection 40 (in Main Wiring Harness)
- D115 Connection 13 (in Engine/Motor Compartment Wiring Harness)
- * Running Change

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Oil Level Thermal Sensor, Radiator Fan Control Module, Engine/Motor Control Module, Radiator Fan Control Module 2, Radiator Fan

- G266 Oil Level Thermal Sensor
- J293 Radiator Fan Control Module
- J623 Engine/Motor Control Module
- J671 Radiator Fan Control Module 2
- T3m 3-Pin Connector, Black
- T4bf 4-Pin Connector, On the Radiator Fan
- T4bg 4-Pin Connector, On the Radiator Fan
- T4fm 4-Pin Connector, Near the Radiator Fan
- T4fn 4-Pin Connector, Near the Radiator Fan
- T5 5-Pin Connector, In the Center Plenum Chamber, Black
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black
- V7 Radiator Fan
- V177 Radiator Fan 2

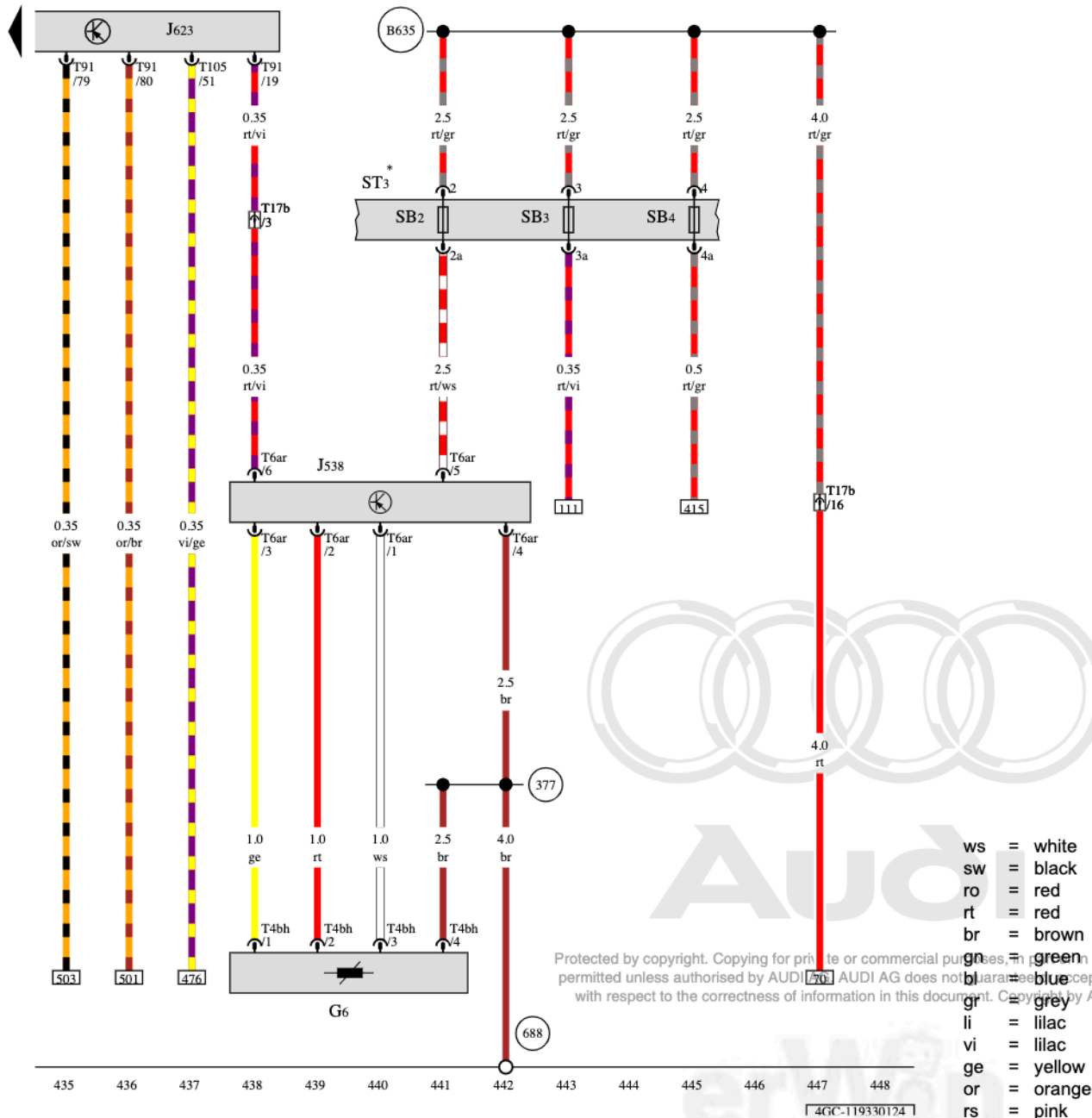
685 Ground Connection 1 on Right Front Longitudinal Member

K21 Connection 1 (in Radiator Fan Wiring Harness)

* Pre-Wired Component

*2 Running Change

Transfer Fuel Pump, Fuel Pump Control Module, Engine/
Motor Control Module



- G6 Transfer Fuel Pump
- J538 Fuel Pump Control Module
- J623 Engine/Motor Control Module
- SB2 Fuse 2 (On Fuse Panel B)
- ST3 Fuse Panel 3
- SB3 Fuse 3 (On Fuse Panel B)
- SB4 Fuse 4 (On Fuse Panel B)
- T4bh 4-Pin Connector, Black
- T6ar 6-Pin Connector, Black
- T17b 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, Red
- T91 91-Pin Connector, Black
- T105 105-Pin Connector, Black

377 Ground Connection 12 (in Main Wiring Harness)

688 Ground Connection 2 on Center Tunnel

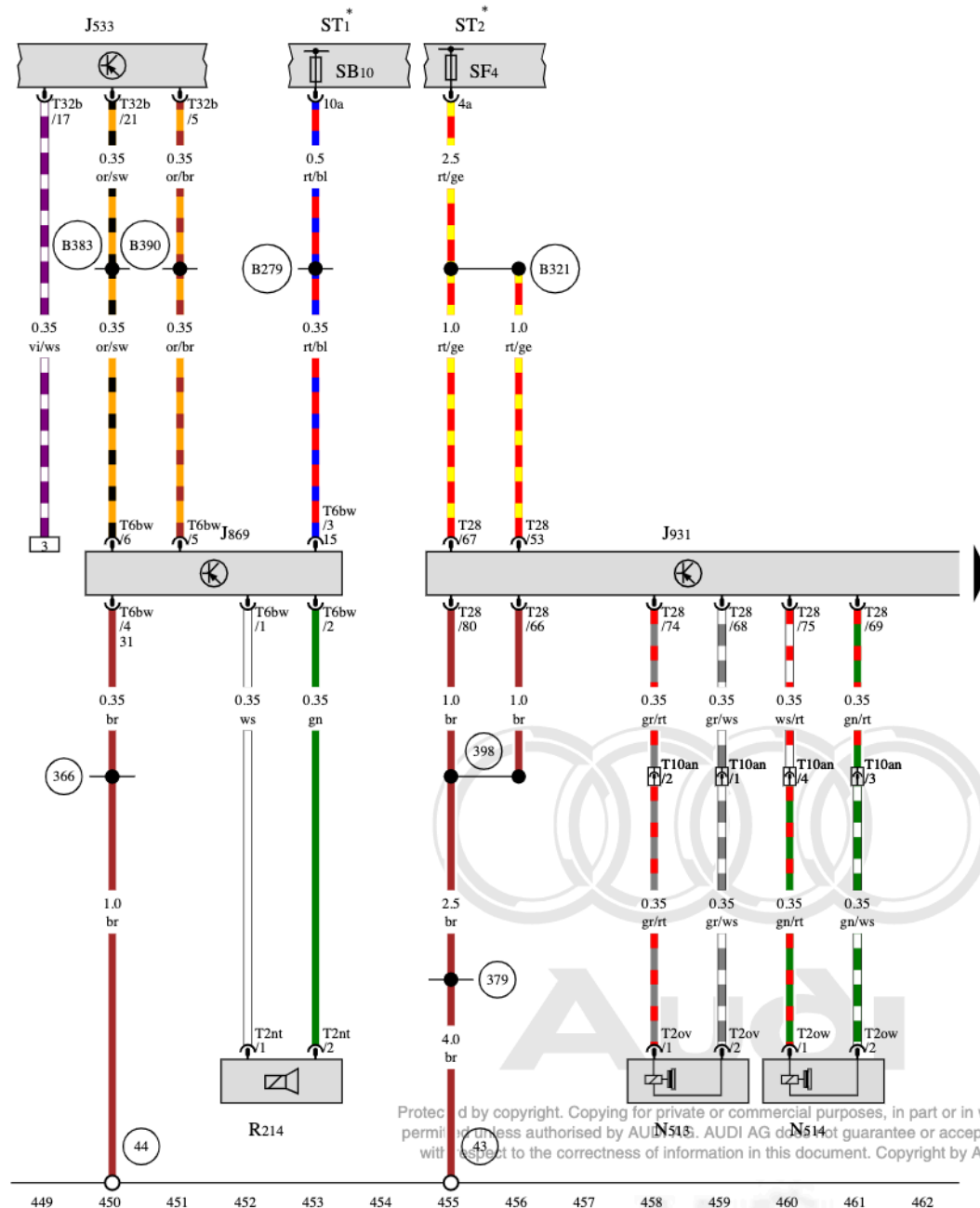
B635 Positive Connection 3 (87) (in Main Wiring Harness)

* Refer to Applicable Wiring Diagram for Fuse Positions

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Structure-Borne Sound Control Module, Assembly Mount Control Module, Assembly Mount Actuator 1, Structure-Borne Sound Actuator

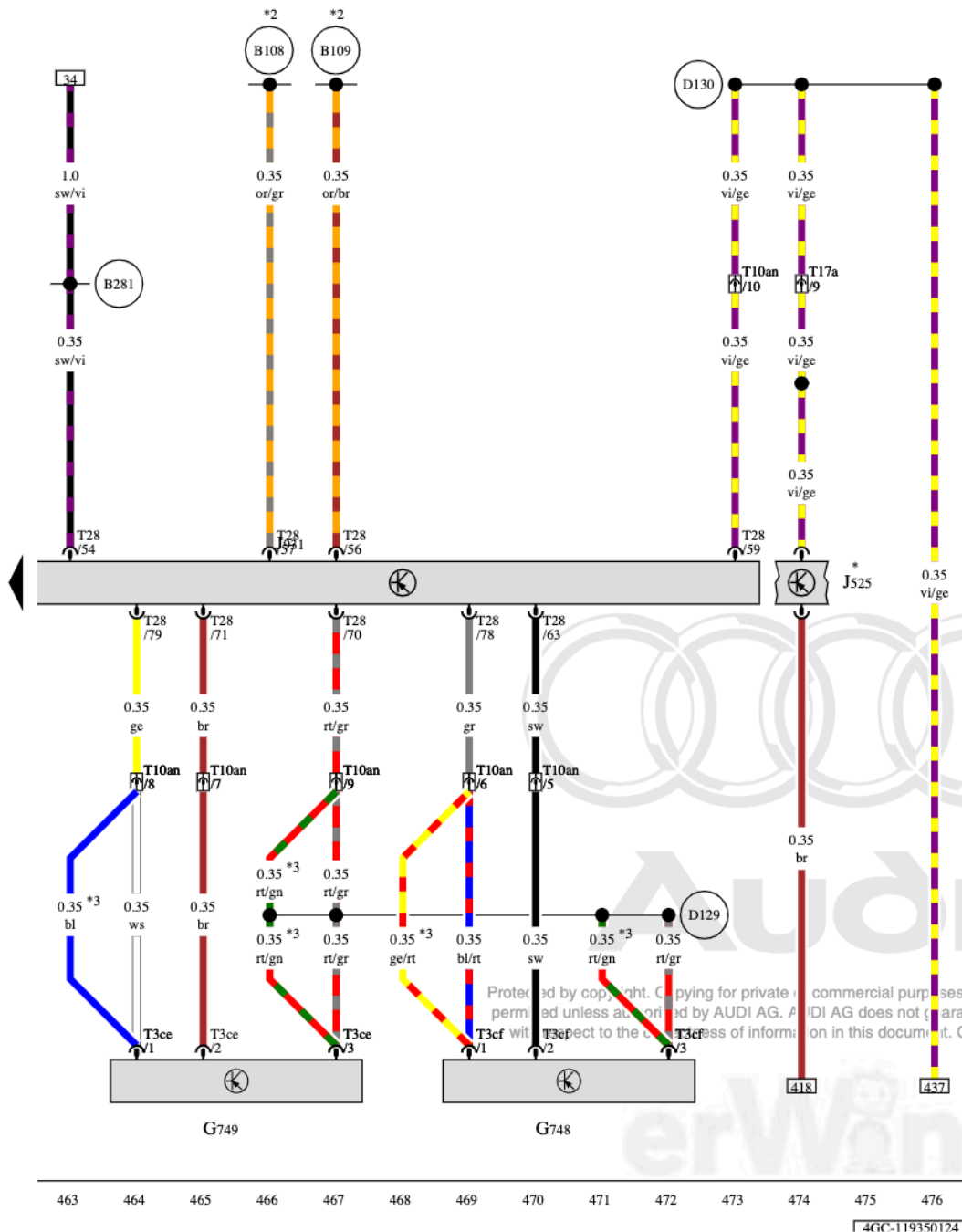
- J533 Data Bus on Board Diagnostic Interface
- J869 Structure-Borne Sound Control Module
- J931 Assembly Mount Control Module
- N513 Assembly Mount Actuator 1
- N514 Assembly Mount Actuator 2
- R214 Structure-Borne Sound Actuator
- ST1 Fuse Panel 1
- ST2 Fuse Panel 2
- SF4 Fuse 4 (On Fuse Panel F)
- SB10 Fuse 10 (On Fuse Panel B)
- T2nt 2-Pin Connector
- T2ov 2-Pin Connector
- T2ow 2-Pin Connector
- T6bw 6-Pin Connector
- T10an 10-Pin Connector, On the Right Front Longitudinal Member, Behind the Wheel Housing Liner, Black
- T28 28-Pin Connector
- T32b 32-Pin Connector

- 43 Ground Connection on A-Pillar, Lower Right
- 44 Ground Connection on A-Pillar, Lower Left
- 366 Ground Connection 1 (in Main Wiring Harness)
- 379 Ground Connection 14 (in Main Wiring Harness)
- 398 Ground Connection 33 (in Main Wiring Harness)
- B279 Positive Connection 3 (15a) (in Main Wiring Harness)
- B321 Positive Connection 7 (30a) (in Main Wiring Harness)
- B383 Powertrain CAN Bus High Connection 1 (in Main Wiring Harness)
- B390 Powertrain CAN Bus Low Connection 1 (in Main Wiring Harness)
- * Refer to Applicable Wiring Diagram for Fuse Positions

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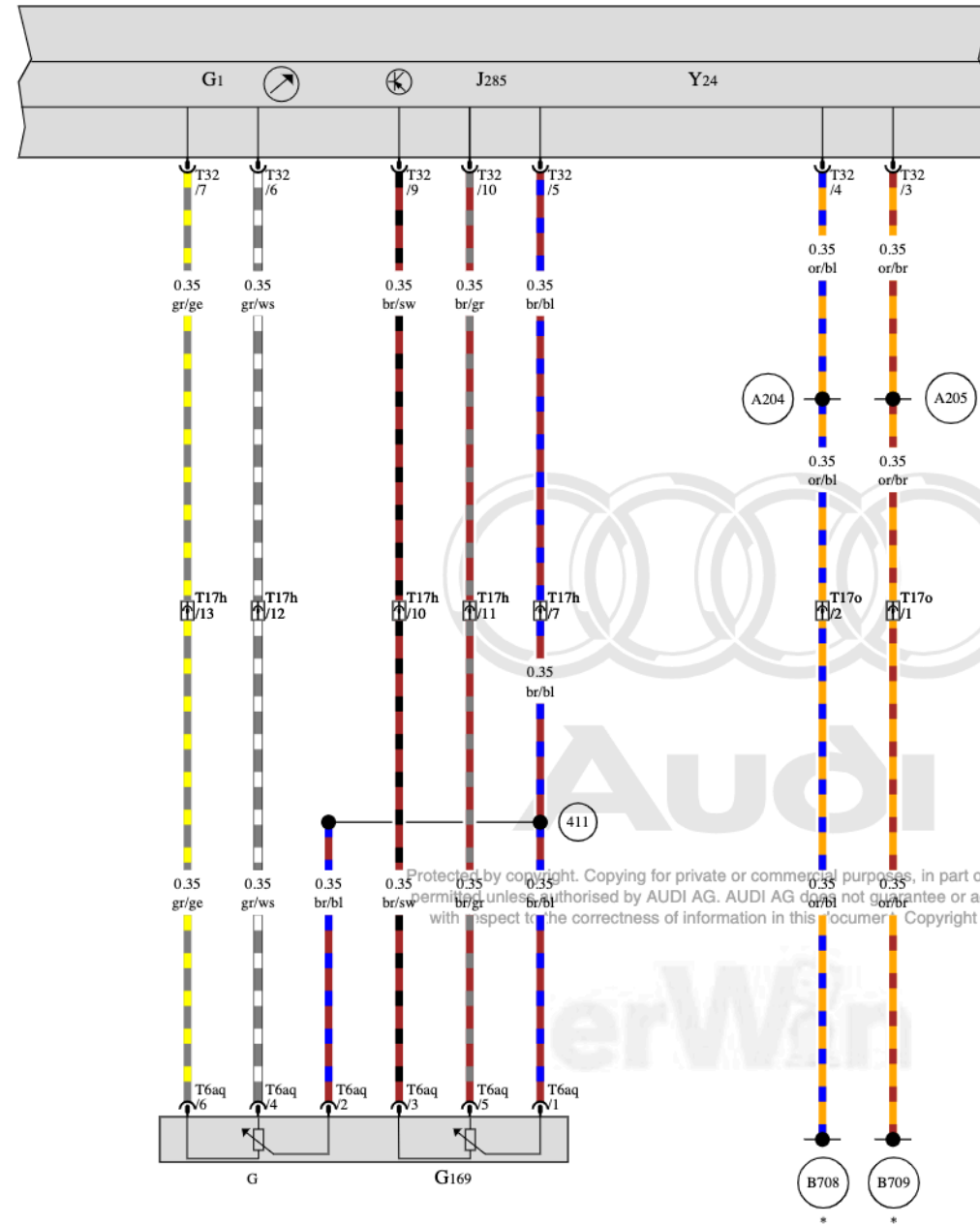
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Assembly Mount Sensor 1, Assembly Mount Sensor 2, Assembly Mount Control Module

- G748 Assembly Mount Sensor 1
- G749 Assembly Mount Sensor 2
- J525 Digital Sound System Control Module
- J931 Assembly Mount Control Module
- T3ce 3-Pin Connector
- T3cf 3-Pin Connector
- T10an 10-Pin Connector, On the Right Front Longitudinal Member, Behind the Wheel Housing Liner, Black
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T28 28-Pin Connector
- B108 CAN Bus Extended High Connection 1 (in Main Wiring Harness)
- B109 CAN Bus Extended Low Connection 1 (in Main Wiring Harness)
- B281 Positive Connection 5 (15a) (in Main Wiring Harness)
- D129 Connection 27 (in Engine/Motor Compartment Wiring Harness)
- D130 Connection 28 (in Engine/Motor Compartment Wiring Harness)
- * Refer to Applicable Sound System Wiring Diagram
- *2 Refer to Applicable Wiring Diagram for Data Bus Networking
- *3 Running Change

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Fuel Gauge, Fuel Level Sensor 2, Instrument Cluster Control Module

- G Fuel Level Sensor
- G1 Fuel Gauge
- G169 Fuel Level Sensor 2
- J285 Instrument Cluster Control Module
- T6aq 6-Pin Connector, Black
- T17h 17-Pin Connector, In the Left A-Pillar Connector Station, Red
- T17o 17-Pin Connector, In the Connector Station, Right A-Pillar, Black
- T32 32-Pin Connector
- Y24 Display Unit in Instrument Cluster
- 411 Sensor Ground Connection 2 (in Main Wiring Harness)
- A204 Instrument Cluster CAN Bus High Connection (in Instrument Panel Wiring Harness)
- A205 Instrument Cluster CAN Bus Low Connection (in Instrument Panel Wiring Harness)
- B708 Instrument Cluster CAN Bus High Connection 1 (in Main Wiring Harness)
- B709 Instrument Cluster CAN Bus Low Connection 1 (in Main Wiring Harness)
- * Refer to Applicable Wiring Diagram for Data Bus Networking

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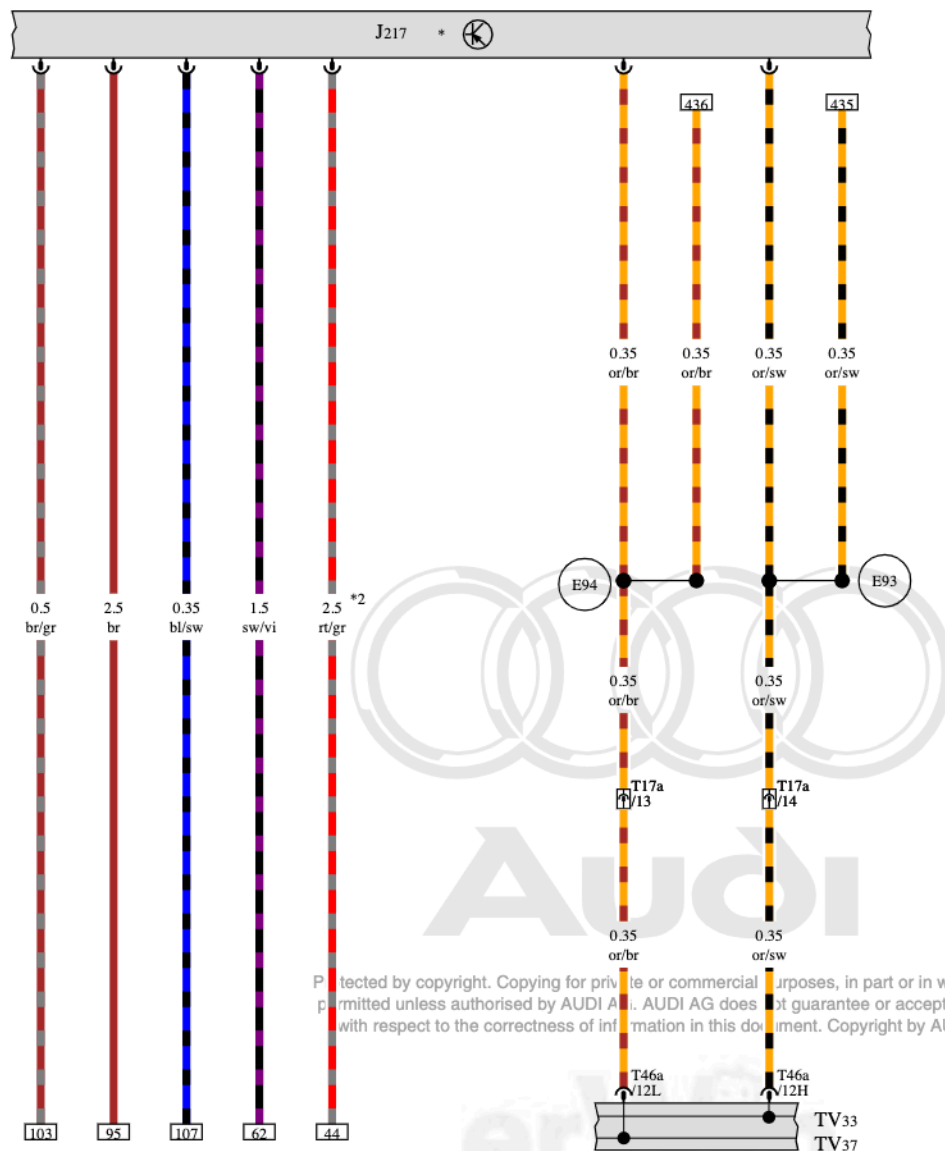
Powertrain CAN Bus High Wire Junction

- J217 Transmission Control Module
- T17a 17-Pin Connector, Left Plenum Chamber E-Box Connector Station, White
- T46a 46-Pin Connector, Black
- TV33 Powertrain CAN Bus High Wire Junction
- TV37 Powertrain CAN Bus Low Wire Junction

E93 CAN Bus High Connection 1 (in Engine Wiring Harness)

E94 CAN Bus Low Connection 1 (in Engine Wiring Harness)

* Refer to Applicable Wiring Diagram for Automatic Transmission
*2 Diameter Depends on Equipment



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